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BULLETIN

# BUENA VISTA COLLEGE

STORM LAKE, IOWA

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## CATALOGUE

1919—1920

## ANNOUNCEMENTS

1920 1921

BUENA VISTA COLLEGE BULLETIN

Volume XXIX Storm Lake, Iowa, April 27, 1920 Number 7

# CATALOGUE
## 1919-1920

UNIVERSITY OF ILLINOIS
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# ANNOUNCEMENTS
## 1920-1921

TWENTY-NINTH YEAR

Organized July 9, 1891 Opened September 15, 1891

Under the Direction of the Synod of Iowa Presbyterian Church in the United States of America

| January, 1920 | | | | | | |
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| May, 1921 | | | | | | |
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| June, 1921 | | | | | | |
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## COLLEGE CALENDAR 1920-21

### June 1920

June 1, Tuesday, 11:40 A. M.—Farewell Chapel Service.

June 2-4, Wednesday, Thursday, Friday—Examinations.

June 6, Sunday, 10:30 A. M.—Baccalaureate Sermon.

June 6, Sunday 8 P. M.—Annual Sermon to Y. W. C. A. and Y. M. C.A.

June 7, Monday, 3 to 5 P. M.—Junior Recital (Music and Oratory)

June 7, Monday, 8 P. M.—Recital.

June 8, Tuesday, 10 A. M.—Tree Day.

June 8, Tuesday, 2 to 3:30 P. M.—Alumni Meeting and Reunion.

June 8, Tuesday, 3:30 P. M.—Reception to Friends.

June 8, Tuesday, 8 P. M.—Alumni Banquet.

June 9, Wednesday, 10:30 A. M.—Commencement.

June 9, Wednesday, 8 P. M.—Grand Concert, Conclusion of Commencement Exercises.

# FIRST SEMESTER

## September, 1919

September 6, Monday—Entrance Examinations and Registration.

September 7, Tuesday—Registration completed.

September 8, Wednesday, 10 A. M.—Opening Address.

September 8, Wednesday, 1 P. M.—Instruction begins.

September 8, Wednesday, 8 P. M.—Y. M. C. A. Reception to Men.

September 8, Wednesday, 8 P. M.—Y. W. C. A. Reception to Women.

September 10, Friday, 8 P. M.—Joint Reception of the Franklin and Star Literary Societies to New Students.

September 20, Monday—Enrollment of Men and Women for State Oratorical Contests.

September 21, Tuesday, 8 P. M.—Faculty Recital, Music and Dramatic Departments.

## October

October 7, Thursday—Faculty Reception to Students.

October 29, Friday, 8 P. M.—Hallowe'en Masquerade Party.

## November

November 9, Tuesday—Enrollment of Men and Women for Inter-collegiate Debating Tryouts.

November 24, Wednesday, 9:50-10:10, Joint Y. W. C. A. and Y. M. C. A. Meeting.

November 25, 26, Thursday and Friday, Thanksgiving Day Vacation.

## December

December 1, Wednesday,—Commercial Winter Term begins.

December 2, Thursday, 8 P. M.—Orchestra Concert.

December 7, Tuesday, 8 P. M.—Preliminary State Oratorical Contest.

December 14, Tuesday, 8 P. M.—Star Grand Public.

December 15, Wednesday, 8 P. M.—Joint Y. W. C. A. and Y. M. C. A. Christmas Meeting.

December 17, Friday, 4:40 P. M.—Christmas Vacation begins.

## January

January 3, Monday, 8 A. M.—College Session resumed.

January 7, Friday, 8 P. M.—Inter Society Debate.

January 12, Wednesday,—Enrollment for Second Semester.

January 13, Thursday, 8 P. M.—Presentation of Play by Dramatic Class.

January 26, 27, 27—Semester Examinations.

## SECOND SEMESTER

January 31, Monday—Registration of New Students.
January 31, Monday, 8 A. M.—Instruction begins.

### February

February 5, Saturday, 6:30 P. M.—Color Ceremony.
February 15, Tuesday, 8 P. M.—Women's Glee Club Concert.
February 17, Thursday,—Day of Prayer for Colleges.
February 22, Tuesday, 3 P. M.—Patriotic Address.

### March

March 1, Tuesday, 8 P. M.—Franklin Grand Public.
March 18, Friday, 8 P. M.—Intercollegiate Triangular Debate, Upper Iowa, Ellsworth, and Buena Vista.
March 25, Friday, 9:50 A. M.—Awarding of Medals by Oratorical Association.
March 25, Friday, 4:40 P. M.—Spring Vacation begins.

### April

April 4, Monday, 8 A. M.—Session resumed.
April 4, Monday, 8 A. M.—Commercial Spring Term begins.
April 12, Tuesday, 8 P. M.—Men's Glee Club Concert.
April 28, Thursday, 8 P. M.—Contest in Expression.

### May

May 3, Tuesday, 8 P. M.—Music Festival.
May 7, Saturday—Y. W. C. A. May Day Supper.
May 10, Tuesday, 8 P. M.—Student Music Recital.
May 24, Tuesday—Chapel—Student Mass Meeting.
May 26, Thursday, 2:30 P. M.—May Festival—Campus.
May 26, Thursday, 8 P. M.—Campus Play.
May 31, Tuesday, 9:50 A. M.—Farewell Chapel Awarding of Athletic Honors.

## June

June 1-3, Wednesday, Thursday, Friday—Semester Examinations.
June 4, Saturday, 8 P. M.—Countermine Gold Medal Contest.
June 5, Sunday, 10:30 A. M.—Baccalaureate Sermon.
June 5, Sunday, 8 P. M.—Annual Sermon to Y. W. C. A. and Y.M.C.A.
June 6, Monday forenoon—Class Functions.
June 6, Monday 3 to 5 P. M.—Students' Music Recital.
June 6, Monday 8 P. M.—Students' Dramatic Recital.
June 7, Tuesday, 10:00 A. M.—Tree Day, Campus.
June 7, Tuesday, 2 to 3:30 P. M.—Alumni Meeting and Reunion.
June 7, Tuesday, 3:30 P. M.—President's Reception to Alumni and Friends.
June 7, Tuesday, 8 P. M.—Alumni Banquet.
June 8, Wednesday, 10:30 A. M.—Commencement.

# BOARD OF TRUSTEES

## 1920

W .L. Geisinger ---------- Storm Lake
F. F. Faville, Esq. ---------- Fort Dodge
J. T. Edson ---------- Storm Lake
S. C. Bradford ---------- Des Moines
George Angier ---------- Storm Lake
L. E. Ballou, Jr. ---------- Storm Lake
Robert Bleakly ---------- Storm Lake
H. L. Hughes ---------- Storm Lake
W. M. Storey, D. D. S. ---------- Storm Lake

## 1921

Thomas Eyres ---------- LeMars
John R. Bell ---------- Storm Lake
James F. Toy ---------- Sioux City
Geo. Steig ---------- Storm Lake
Rev. H. Hostetler, D. D. ---------- California Junction
Chas. H. J. Mitchell ---------- Storm Lake
D. G. La Grange ---------- Storm Lake
W. C. Edson, Esq. ---------- Storm Lake
Rev. Wm. M. Hamilton, D. D. ---------- Sioux City

## 1922

Rev. A. Z. McGogney, D. D. ---------- LeMars
W. P. Manley ---------- Sioux City
Hon. A. D. Bailie ---------- Storm Lake
Dr. Oscar Harliss ---------- Fort Dodge
Judge Wm. Hutchinson ---------- Alton
Guy E. Mack ---------- Storm Lake
Rev. C. G. Butler, D. D. ---------- Sac City
W. C. Kennedy ---------- Rolfe
A. R. Browne ---------- Alta

## 1923

Stanton Olinger, Ph. D. ---------- Storm Lake
Sen. W. S. Kenyon ---------- Fort Dodge
Rev. Gilbert Voorhies, D. D. ---------- Estherville
D. D. Carlton ---------- Early
J. B. McKibben ---------- Storm Lake
F. S. Needham ---------- Sac City
Rev. Thomas A. Ambler, D. D. ---------- Odebolt
M. W. Jones ---------- Sac City
Rev. A. B. Thutt, D. D. ---------- Cherokee
George W. Chaney ---------- Newell

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## Officers of the Board

W. C. Edson ---------- President
W. L. Geisinger ---------- Vice President
Guy E. Mack ---------- Treasurer
D. G. La Grange ---------- Secretary

## Committees of the Board

Executive Committee: Dr. Stanton Olinger, L. E. Ballou, Jr., Geo. Angier, Guy E. Mack, W. L. Geisinger, Geo. W. Chaney, Dr. W. M. Storey, D G. La Grange.

Auditing Committee: A. D. Bailie, Chairman; J. B. McKibben, M. W. Jones.

Loan Committee: J. T. Edson, Chairman; W. L. Geisinger, D. G. La Grange.

Purchasing Committee: Geo. S. Angier, Guy E. Mack, S. Olinger.
Superintendent of Buildings and Grounds: Geo. S. Angier.

# THE FACULTY

STANTON OLINGER, A. B., B. D., M. A., Ph. D., President.

A. B. Kansas State University, 1895; B. D. Princeton Theological Seminary, 1904; M. A. Kansas State University 1913; Ph. D. ibid, 1916; Westminister Bible Chair, Kansas State University 1911-1917; Buena Vista College, 1918.

REV. J. W. PARKHILL, A. B., A. M., D. D.
Vice President and Field Secretary.

A. B. Princeton University, 1880; Graduate Princeton Theological Seminary, 1883; A. M., Princeton University 1883; D. D. Lenox College, 1907; Professor of Classics, Lenox College, 1906-15, Dean ibid; Bu pres. ibid; Professor Classics, Lenox College, 1906-15, Dean ibid.; Buena Vista College, 1915.

EARL V. BURDICK, A. B., A. M.
Dean and Professor of Education.

A. B. Colgate University 1911; A. M. Clark University 1914; Scholar in Psychology and Education Clark University 1911-15; Instructor in Modern Languages Worcester Polytechnic Institute 1911-15; Teacher of Languages High School Northampton, Mass., 1915-18; Head of English Department High School, Greenwich, Conn., 1918-19; Buena Vista College 1919.

REV. GEO. H. FRACKER, A. M., D. D.
Professor of Latin, Greek, and Bible.

A. B. Wooster University, 1878; A. M. ibid. 1881; Instructor in private academy Dell Roy, Ohio, 1878-9; Professor Jefferson Academy, Canonsburg, Pa. 1879-80; Western Theological Seminary, 1880-1; Professor South Kentucky College 1881-2; Union Theological Seminary, 1882-3; Graduate Princeton Theological Seminasy, 1884; Nelson Academy work, 1884-5; Professor Latin and Greek, Buena Vista College, 1891-1903; D. D., Wooster University 1906; Professor German and French 1903-18; Professor Classics and Bible Study, 1918.

ALICE EMILY WILCOX, A. B.
Professor of English and Dean of Women.

Graduate of Oswego Normal School, Oswego, N. Y.; A teacher in the public schools of New York state; A. B. University of Michigan 1902; Graduate student University of Wisconsin summer of 1908, 1909, 1910; Graduate student University of Michigan, summer of 1912; Principal of Normal Department of Buena Vista College, 1902; Professor of English ibid. 1903.

ELMER R. STAHL, A. M.
Professor of Mathematics.

Graduate of Gem City Business College, Quincy, Illinois; graduate of Illinois State Normal University, Normal, Illinois; Teacher in rural schools, 1906-08; A. B., University of Illinois, 1910; A. M., ibid, 1911; Mathematics and History, Cairo, Illinois, 1911-1913; Mathematics and History, Centralia, Illinois, 1913-14; Buena Vista College, 1914.

EDITH K. COOKE, B. S.
Registrar, Librarian.

B. S., Coe College 1909, high school work, 1909-1912; graduate student University of California, summer 1912; Library School, State University of Iowa, summer 1916; 1912 Buena Vista College.

HARRIET BANGHART, B. Sc.
Professor of Chemistry.

B. Sc. University of Nebraska, 1900. For three years Instructor in General, Qualitative and Organic Chemistry, U. of N. Member of Nebraska Chemical Society. Two years head of Science Department High School, Plattsmouth, Neb. Principal Normal; Training Department, York College, York, Nebraska, 1913-14. Principal Lincoln School and assistant in Normal Training School, 1914-15-16, York, Nebraska. Professor of Chemistry, Buena Vista College, 1918.

RALPH LIBBY, B. S., M. C. S.
Professor of Economics and Business Administration

B. S., Dartmouth College; M. C. S., Amos Tuck School of Administration and Finance, Dartmouth College, 1916; Instructor, Montana State College, 1916-1918; Instructor in Economics and Finance, State College of Washington 1918-1919; Professor of Economics and Business Administration, Buena Vista College, 1919.

OLIVE L. NORMINGTON, B. S. in H. Ec.
Professor of Home Economics

B. S. in H. Ec. Michigan Agricultural College 1916; High School Fenton, Michigan, 1916-19; Buena Vista College 1919.

JAMES R. ROBERTSON, M. A.
Professor of History and Political Science.

A. B. Beloit College, 1904; A. M. University of Chicago, 1906; Graduate Student University of Chicago, 1907-1910; 1916-1917; Professor of History and the Social Sciences, Greenville College, Greenville, Ill., 1914-1916; Buena Vista College 1919.

### EMMA PEARL SCOTT, M. A., B. O.

Professor of Oratory and Expression

Bachelor of Elocution, Capitol College of Oratory and Music, Columbus, Ohio, 1913; Bachelor of Oratory, ibid, 1916; B. A. Ohio State University, 1916; Teacher in English Department, ibid, 1916-1917 and 1917-1918; M. A. Ohio State University, 1918. Teacher of English and Public Speaking in Findlay High School, Ohio, 1918-1919. Buena Vista College 1919.

### FREDERIC F. SMITH, B. S.

Professor of Biology

B. S. Tufts College, 1905; Research work at Harpswell Marine Laboratory; Marine Biological Laboratory, at Woods Hole; Principal of High School, Ludlow, Mass., six years; Chester, Mass., five years; Biology Department, State Normal School, Keene, N. H., 1917-18; Head of Science Department, Marquand School, Brooklyn, N. Y., 1918-19. Buena Vista College, 1919.

### FRED W. MIMBERLEY

Department of Music.

Studied under the following renowned artists: W. P. Day, W. P. Nutting, Emma Wilkins-Guttman, Adolph Koelling, Dr. Louis Falk, Victor Garwood, Genevieve Clark-Wilson, W. S. B. Matthews, Karl M. Reckzezh, and M. Krause. Graduate from the Chicago Musical College and took Post-Graduate work at the American Conservatory and in Berlin, Germany.

Chcago Piano College, 1893-98; Private Studio, Waterloo, Iowa, 1898-1906; Director Christian University, Waco, Texas, 1907-1909; Di-rector Jamestown College, Jamestown, North Dakota, 1909-1914; Buena Vista College Director, 1914. Pipe organist and music director, First Baptist church, Sioux City.

### EVANGELINE MARIE LEHMAN, MUS. B.

Professor of Voice.

Mus. B., Oberlin Conservatory of Music, 1919; Studied under the following artists and teachers, Mrs. Peavey-Coulter, Mrs. Balmer Lauzon; Professors Adams, Linquist, Lehmann and Moore. Buena Vista College, 1919.

W. A. ABERNATHY, B. C. S.
Principal Commercial Department.

Mr. Abernathy has had a teaching experience of 12 years, including public and business school work. For five years he was principal of the Shorthand Department of Scranton-Lackawanna Business College, Scranton, Pa.; five years in Williamsport High School Commercial; two years in the Allentown Business College, Pa.; Buena Vista College, 1915.

MRS. GERTRUDE ABERNATHY, B. L.
Assistant, Commercial Department.

B. L. Allentown College for Women, 1901; American Business College, Allentown, Pa., 1907. Mrs. Gertrude Abernathy, instructor in Shorthand Department, has had charge of the advanced shorthand, typewriting, and English in the Scranton-Lackawana Business College, Scranton, Pa., for five years. Buena Vista College, 1915.

V. A. WOODWORTH
Athletic Director

## Assistants

English—Dewey Deal.
Library—Opal Kraemer, Eva May.
Chemistry—Margaret Jones.
Mathematics—Joyce Wahl.

## Faculty Committees

Public Events—Professors Wilcox, Banghart, Scott and Normington.

Enrollment Schedule—Dean Burdick, Professors Fracker, Wilcox, Libby and Mrs. Abernathy.

Library—Miss Cooke, Professors Libby and Banghart.

Oratory and Debate—Professors Scott, Robertson, Burdick.

Chapel Exercises—Professors Fracker, Scott, Smith and Mrs. Abernathy.

Discipline—Professors Robertson, Abernathy, Stahl.

Curriculum and Studies—Dean Burdick, Professor Smith, Miss Cooke.

Publication—Dr. Olinger, Dr. Parkhill, Dean Burdick.

Literary Societies—Professors Wilcox, Scot,t Lehman, Normington, Burdick.

President Olinger—Ex-officio member of all committees.

## Class Advisors

Senior Class—Dr. George H. Fracker.
Junior Class—Miss Edith K. Cooke.
Sophomore Class—Professor Elmer R. Stahl.
Freshman Class—Professor Alice E. Wilcox.
Commercial Department—Mr. W. A. Abernathy.

## Administrative Officers

**President.**
REV. STANTON OLINGER, Ph. D.

**Vice President.**
REV. J. W. PARKHILL, A. M., D. D.

**Dean**
EARL V. BURDICK, A. B., A. M.

**Field Secretaries**
REV. WILLIAM WALKER
REV. J. T. THORNTON

**Secretary of the Faculty and Registrar**
EDITH K. COOKE, B. S.

**Dean of Women**
ALICE E. WILCOX, A. B.

**Business Manager**
A. ALDRITT

## BUENA VISTA COLLEGE HISTORY

The history of Buena Vista College is unique. The leading men of the Presbyterian church in the northwest Iowa of twenty-seven years ago realized that the grouping of educational institutions in the southern and eastern parts of the state left a vast unoccupied field in the center of what was destined to be a fine part of the state and supplied a location where a Christian college could be planted and made accessible to thousands of young men and women. A joint commission of twelve men, chosen by the Fort Dodge and Sioux City presbyteries, met at Storm Lake, July 8, 1891, and completed the organization and incorporation of the college on July 9. The Synod of Iowa, in regular session at Boone, October, 1891, unanimously adopted the college as its own and elected the board of trustees to whom was entrusted the control of its property and the management of its interests. Today the college stands in the center of a large territory, in which there is no other Presbyterian institution, and but one other college doing accredited work. Buena Vista was founded in faith and hope. It has been built by the heroic self sacrifice of devout and devoted men and women who believed thoroughly in the broad culture of Christian education. With prophetic vision they viewed the splendid opportunity of usefulness which the Christian college in this field furnished to the church.

Already there has been a net attendance of more than 4500.

From the beginning young men and young women have been received on equal footing. The members of the faculty are consecrarted Christian men and women who seek to maintain a wholesome moral and religious atmosphere. Students find those of all faiths in attendance and a number of denominations represented on the faculty. Denominational preferences are in no way molested.

## Location.

The college is situated on high ground overlooking a beautiful lake five miles long and two miles wide. Storm Lake is noted for its beautiful dwellings, its wide, clean, well shaded streets, its lakeside parks, and its Christian homes and churches.

It is an ideal location for a college and an ideal place in which to spend four years of college life.

The city itself is of exceptionally high moral tone and draws many families who wish to locate where there are good educational advantages for their children. It is of easy access from the north, south, east, and west.

It is the ambition of Storm Lake to be a religious and educational center and this purpose is kept in view by the leading men of the city who appreciate the opportunities provided by the college and also the attractiveness of the city for people of culture and intelligence who are seeking a desirable location for permanent residence.

## Purpose.

The purpose for which this college exists is summed up in the motto of the institution: "Education for Service."

In addition to the regular course in Liberal Arts, the trustees desire to provide the best opportunities for a thorough training in Music, Oratory, Home Economics, Business Administration, and Commercial Branches. Since there is a call for these, it is held that the church should furnish opportunity for training in these departments in the atmosphere of the Christian College.

It is the purpose of the college to make the work as individualistic as possible, to maintain an inspiring college life, and to develop cultured, forceful, upright men and women who shall successfully perform life's tasks.

This institution firmly believes that a college consists

not in buildings, equipment, or endowment alone, but in the vital mental and moral qualities and life of its faculty and student body.

## Buildings and Grounds.

**The Main College Building** is a large, substantial three story brick structure, trimmed with cut stone, which contains recitation rooms, offices, library, laboratories, Y. M. C. A. and Y. W. C. A. rooms, literary halls, and assembly hall.

**Victory Hall,** the new gymnasium of the college, was erected to the memory of the soldiers, sailors, marines and nurses who served in the World War.

The building, which is sixty feet by one hundred feet, is constructed of brick and stone in the pure collegiate Gothic style. The gymnasium proper has a floor area of about four thousand four hundred square feet. The running track is curved and banked at the ends and requires about twenty-two laps to the mile. Separate locker rooms, shower baths, and toilet facilities are provided for the men and women.

When used for plays or other social or educational gatherings the running track can be used as a gallery, and the gymnasium will then seat over one thousand people. The stage is thirty feet by forty feet with a procenium twenty-four feet by twelve feet. The dressing rooms immediately behind the stage are commodious and airy.

With this addition to her equipment Buena Vista College offers to her students a building whose facilities for athletic and social activities compare favorably with those of any college in the state.

**The Miller-Stuart House** was presented by Rev. William Miller of Des Moines and Mrs. Lois Stuart of Audubon

for the use of the president of the institution. It is a valuable property and makes a comfortable, modern home.

**Mather Hall** is the musical conservatory. The conservatory became the property of the college through the generosity of Mrs. Flora S. Mather of Cleveland, Ohio. It contains eleven rooms, is well suited to the purpose for which it is used, and is equipped for doing thorough work in this department.

**Bradford Field.**. On the lake shore lies the Bradford Athletic Field. Its location is beautiful and offers a splendid opening for baseball and football. A large amphitheatre has been erected at one end.

The college campus, enlarged by the addition of twenty-one lots, the gift of Mr. S. C. Bradford of Des Moines, gives the college a prospect of ultimately owning the entire property between the old college campus and the lake shore. When this property is finally secured as a campus it will be one of the most attractive college properties in the state.

## Library

The library has over eleven thousand volumes, catalogued and arranged according to the Dewey system of classification, and seven hundred bound and catalogued pamphlets. The care that has been exercised in selecting books has resulted in a "good working library." The collection includes one thousand bound volumes of leading periodicals which are of value through the aid of the "Reader's Guide to Periodical Literature." Magazine files are being completed as rapidly as possible.

The Library is well supplied with daily and weekly papers, current magazines, library reviews and scientific journals. During the past twelve months five hundred and seventy volumes have been added.

The rooms are open throughout the day while college is

in session and on Monday, Tuesday, Wednesday and Thursday evenings from seven to nine. Books may be withdrawn by complying with the necessary regulations.

Student also have access to the Storm Lake Public Library.

### Book Store

A book store is maintained on the first floor of the Main Building where students may secure text books, notebooks, stationery, and college souvenirs. The proceeds from the store go to the support of the athletic association.

### Museum

The first collection for the museum was made by Rev. R. E. Flickinger, who arranged and classified the material.

Every professor in charge since has been intent on adding as large a variety of material as possible. It now includes many mounted speciments of the fauna and flora of this region, and a scattering number from other regions and also some marine species. It has a good assortment of rocks for the study of mineralogy and geology.

A collection of fossils, shells, and rocks from various parts of the shores of England was donated by Miss Isabelle Cowan, of Windom, Minnesota.

About one hundred and fifty specimens of marine invertebrates have been added recently. These are used in the study of Biology. The Museum needs further additions and a place in which to display them. Persons who have mineral, fossil, or biological specimens or articles of historic value, should favor the college and future generations of students by placing them where they will be perennially useful. Correspondence is solicited. Shipments of material may be made at any time.

In 1918 an interesting collection of Indian relics, crystals and minerals, was presented to the college by Mr. F. F. Faville, together with an Herbarium.

During the same year Mrs. D. Williams presented her valuable collection of shells, minerals, crystals, fossils, and Indian relics to the college. This has proved very helpful in the Biology department this year.

A fine specimen of Golden Eagle has been mounted and makes a valuable addition to the Museum.

### Endowment

In 1918 an endowment of $200,000 was secured, the interest of which goes to support the school.

### Laboratories

#### Biology

The biological department occupies two rooms on the first floor of the main building. The lecture room is fitted especially for the use of the projection apparatus, which is adapted for use with lantern slides, microscope slides, and opaque objects. There are over five hundred lantern slides at present available, and this number is constantly increasing. The laboratory is well lighted from two sides, and has sufficient compound microscopes and dissecting microscopes for individual supply. Students in Bacteriology have the use of microscopes with oil-immersion objectives. There is considerable accessory apparatus such as the autoclav, incubators, hot air sterilizers, paraffin baths, and automatic laboratory microtome. The number of microscope slides has been greatly increased of late.

The museum in connection with the laboratory, affords abundant and valuable material for work, while the contiguouse region, especially the lake, teems with forms of life offering unusual opportunity for biological research.

## Chemistry

The department of Chemistry occupies a lecture room and well lighted laboratories, capable of providing instruction for about fifty people.

The quantitative laboratory has been equipped with new chainomatic balances and several hundred dollars worth of new platinum ware has been added. The entire laboratories have been refinished and brought to the ultra limit of present day equipment. New and modern books on chemistry have been added to the department and numerous magazines along the subject are regularly taken.

## Home Economics

This laboratory is located on the lower floor of the college building and is equipped with new style apparatus. Electrical appliances are made use of and in this place the student becomes familiar with new ways of home making. Practical instruction throughout is given and actual experience in the science and art of Home Making is open to classes of this department.

## Physics

This laboratory is well lighted and equipped to accommodate several students. There is complete equipment for carrying on work in Mechanics, Heat, Electricity, Sound and Light. New apparatus for determining the value of "g" has been installed. New and modern balances of the chainomatic type are at the disposal of students. The laboratory has been equipped with light proof shades rendering it an ideal place to carry on experiments in the properties of light.

## STUDENT ORGANIZATIONS

### Y. M. C. A. and Y. W. C. A.

These organizations have a prominent place in the life of the college. Regular meetings are held each Wednesday of the school year. Each association has its own well furnished room in the main building.

Representatives of these organizations meet new students at the opening of the term and young people coming to the college for the first time receive cordial greetings from the members who are always glad to furnish any information required and to render any other aid possible in making the life of the new student pleasant. Many young people through the work done in these organizations have come to appreciate the responsibility of Christian culture in college life. Each organization holds a reception at the opening of the college year.

### Alumni Association

The students who have graduated from the different departments of the college have formed a strong Alumni Association. This association is already making itself felt through its loyalty to, and work for the college. The annual meeting is held during commencement week and it has come to be a custom for the Alumni and students to hold a picnic at Storm Lake during the Chautauqua season.

### Oratorical Association

This organization is maintained to create an interest among the students in public speaking, to conduct the preliminary contests in the State Oratorical Association and the Women's Forensic League, to which the college belongs, and to coach the representatives of the college in all oratorical contests and debates.

### Literary Societies

Two Literary Societies are maintained by the student body, the Franklin and the Star. These are organized for the purpose of literary culture, skill in debate, oratory, reading, writing, and parliamentary practice.

### Debates

The annual Inter-Society debate has come to be a prominent feature of the college life. A friendly rivalry has existed between the two societies for the possession of a trophy cup. The S. A. Ensign cup is the coveted trophy.

A triangular inter-collegiate debate has been held for several years with Central College and Ellsworth College, and this year a dual debate with Upper Iowa University was added to the events of the year.

### Athletics

The control of athletics is vested in a committee composed of three members of the faculty together with the officers of the College Athletic Association. The students of the college have taken a deep interest in all athletics. The possession of an Athletic Park on the lake shore gives opportunity for the development of all sorts of acquatic sports. Baseball, football, basketball, and all clean, manly sports are approved by the faculty and by those interested in the institution.

A Hiking Club is organized each spring among the women. When the rules of the club have been faithfully followed out, a pin is awarded. The same award is given the women for excellence in basketball and tennis.

### Women's League

Every woman in the school, by virtue of her enrollment becomes a member of this league. Its purpose is to bind

the women of the college more closely together in athletics and in a social way as well as in the more serious things of college life.

### Cap and Bells Dramatic Society

All students of the dramatic classes, and those students of the college who are interested in the study of the drama and its production, may become members of the Cap and Bells Dramatic Society. The object of the society is to maintain a supporting membership in the Drama League of America and to manage the production of all college plays and pageants.

### Orchestra

A college orchestra, under the leadership of Professor Lehman, offers an opportunity for development of talent along this line.

### Glee Club

The women's Glee Club, under the direction of Professor Lehman, consists of twenty-five voices. Tryouts are held each year. The club, besides giving a successful home concert, gives a series of concerts on a trip taken during the spring vacation.

### Publications

The BULLETIN is edited by a committee of the faculty and published monthly in the interests of the college and of higher education. To this end an effort is made to keep the constituency of the college acquainted with all news of general interest, to inform the public of the facilities and the advantages of the college, and to create an appreciation of the value of a college education. It will be sent regularly upon application to any address free of charge.

THE CATALOGUE is one of the spring numbers of the Bulletin series, and is a general prospectus of the college and its various departments of instruction and the courses offered therein.

THE BUENA VISTA TACK is edited by the students and published semi-monthly. Its functions are to record the local news of the college life and to create proper student sentiment through its editorial columns.

THE RUDDER is an annual publication edited by the Junior class. In nature and purposes it does not differ materialy from similar publications in other colleges.

## MEMORIALS

**Endowment Memorials** may be established on a minimum basis of ten thousand dollars.

**Student Scholarship Memorials** may be established on the basis of a minimum of $500.00 and the following memorials have been established. Only the interest on the amount given is used and the memorial appears in the catalogue each year. It makes a most fitting monument and we shall be glad to have others added to those already published.

Jesse M. and Nellie A. Smith, memorial of Five Hundred Dollars given by their father, Mr. Joseph Smith.

Thomas Addison Williams, memorial of Five Hundred Dollars given by his parents, Rev. and Mrs. Daniel Williams of Storm Lake.

A. M. Calvin memorial of Five Hundred Dollars, given by the late A. M. Calvin, Russell, Iowa, toward the endowment of a one thousand dollar scholarship.

## Prizes.

The Bradford Debating Cup offered by Mr. S. C. Bradford of Des Moines, was won by the Star Society three years in succession and as a result is in their permanent possession.

**The Faville and Whitney Debating Cup** offered by Mr. F. F. Faville and Mr. A. L. Whitney was won by the Franklin Society and remains in their possession.

**The Blayney-Ross Debating Cup** offered by Prof. E. F. Blayney and F. B. Ross as a prize in the inter-society debate was permanently won by the Star Society in 1915.

**The S. A. Ensign Debating Cup** offered by Mr. S. A. Ensign of Storm Lake in 1915-16 will become the trophy of the Society winning the Inter-Society debate three years in succession.

**Annual Prize by Class of '07.** The class of 1907 offers two annual prizes of ten dollars each for the best scholarship in Freshman English and in Freshman Latin.

**The Countermine Gold Medal Prize..** Rev. J. W. Countermine, D. D., of Battle Creek, offers a gold medal to the young man of the Freshman class who excels in an original oration on a theme dictated by the donor.

The Preliminary to the Men's State Oratorical Contest. The class of 1910 offers twenty-five dollars to the winner of first place in the preliminary contest. The winner of second place has his expenses paid to the State Contest by the Oratorical Association.

The Oratorical Association offers prizes of $15.00 and $10.00 to the women winning first and second places in the preliminary contest of the Women's State Forensic League and also provides medals for representatives of the college in Inter-Collegiate Debate.

### Honor Scholarships

We offer to first honor graduates of accredited high schools in Iowa an Honor Scholarship, good for one year. It entitles a student to tuition in the collegiate department only.

### Memorial Scholarships.

Friends have established scholarships by endowing them. The income from such is to be used in assisting worthy students to secure an education? These scholarships entitle a student to tuition in the Collegiate department only.

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## GOVERNMENT

### Student Council

The Student Council is organized under a constitution for self government, wherein representatives from each of the classes and the two faculty members constitute "The Student Council" which constantly oversees student deportment and has the power of discipline.

## THE DEAN OF WOMEN

### Miss Alice E. Wilcox

The Dean of Women has special charge of the comfort and welfare of the young women of the College. She will recommend boarding places, see that students who are ill are put under proper care, aid those who wish to earn their own way through college, and render such other assistance and advice as she can. She keeps a list of homes for young women, where house rules as to hours, company, etc., are observed.

### Moral and Religious Culture

Buena Vista College believes that a true education consists in the development of morals and religion as well as intellect, and that there is nothing that will accomplish this end, but a proper knowledge and recognition of the Bible. Consequently all students before graduation are required to take Bible Study to the amount of eight credits, at some time during their course. This, together with daily chapel exercises, the students' prayer meeting, Bible Study classes and the influence and example of a Christian faculty develops the moral and religious side of student character.

### Speakers in Chapel.

The chapel services are supplemented by frequent addresses by members of the clergy, business and professional men, members of the faculty, and specialists in various fields from other institutions.

During the first semester of the present school year no less than twenty such inspiring addresses have been enjoyed by the student body. Religious, educational, vocational, and political subjects have occupied a prominent place among the topics presented.

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## GRADES AND EXAMINATIONS

Reviews and examinations are held at the close of each semester or oftener if the instructors so choose. The semester's record is made up from the daily recitations and these examinations. An unexcused absence from a recitation means a failure for that recitation. All assigned lessons omitted for whatsoever reason must be made up. The standing of each student is reported to parents each semester, or oftener if the work being done is, in the judgment of the faculty, unsatisfactory.

### Explanation of Grades

"A"—90-100.

"B"—80-89.

"C"—70-79.

"D"—60-69 and indicates a "condition" which may be made up.

"E"—below 60 and indicates a failure which can be made up only by repeating the course.

### Rules Governing Absences

These rules with changes up to date are posted on the bulletin board at the beginning of each semester.

### Expenses

Because of the location of the college there is little to increase the cost of attendance over actual necessities. An education can be secured here for much less than it may cost in many other schools. The trustees have sought without sacrificing quality, to bring the expenses connected with college attendance within the reach of young men and women who earnestly desire the advantages of a college course and yet who must seriously consider the cost. Students find no difficulty in securing convenient rooms at a cost of from $8.00 to $12.00 per month. Board may be obtained at the students' co-operative boarding club at a cost of approximately $5.00 per week. Students may rent rooms and board themselves, and lessen very materially this amount.

### Self-Support.

A number of students can earn part of their expenses by working in the homes and business houses of Storm Lake.

The college employs a limited number in the followi work: Janitor work, library assistants, office work, a work on the Bulletin. The faculty, the Y. M. A., and the Y. W. C. A. lend their assistance in securi employment for student labor. The people of Storm La are ready to offer such opportuniteis to college men a women.

It is a fact of common observation that students employed stand high in the class room work and in the s cial life of the school. The faculty, however, urgently a vises parents to give their young people the necessary nancial support so that the entire time of the student c be devoted to the work of the college.

## Tuition and Fees

Tuition is payable at the opening of each semester i advance. When students are required to be absent for or half a semester on account of sickness, credit for tuitio for that semester will be made on the following semeste Special adjustment of tuition will be made for those enrol ing in one or two subjects.

A reduction of fifty per cent is made on tuition to ca didates for the ministry and children of ministers, excep in the Music, Public Speaking (private work) and non-co legiate Commercial departments.

| | Per Semeste |
|---|---|
| Collegiate | $36.0 |
| Academic | 30.0 |

## College Fees

| | |
|---|---|
| Incïdental fee | $ 6.0 |
| Athletic fee | 5.0 |
| Chemistry deposit | 5.0 |
| Chemistry 1 and 2 | 6.0 |

| | |
|---|---|
| Cremistry 3 and 4 (qualitative) | 8.00 |
| Chemistry 5 and 6 (quantitative) | 8.00 |
| Chemistry 7 and 8 (organic) | 10.00 |
| Food Chemistry | 10.00 |
| Physics, college | 2.50 |
| Physics, Academy | 1.50 |
| Biology 1, 2 | 3.00 |
| Bacteriology 7 | 5.00 |
| Biology 3 and 4 | 3.50 |
| Academy Botany | 1.00 |
| Academy Zoology | 1.00 |
| Textile Chemistry | 3.00 |
| Home Economics, 1 and 2, each | .50 |
| Home Economics, 3 and 4 each | 1.00 |
| Home Economics, 5 and 6, each | 4.50 |
| Home Economics, 7 and 8, each | 5.50 |
| Home Economics, 11 and 12, each | 5.00 |
| Graduation from College | 5.00 |
| Graduation from other departments | 2.50 |
| Registration fee for late enrollment | 1.00 |
| Special examination | 1.00 |

### Tuition School of Music

| | |
|---|---|
| Piano, voice, organ, two half hour periods each week per semester | 45.00 |
| Piano, voice, two twenty minute periods each week, per semester | 30.00 |

### Class Work

| | |
|---|---|
| Theory of Music | 15.00 |
| History of Music | 15.00 |

### Public Speaking Fees

Oratory and Expression:

| | |
|---|---|
| For regularly enrolled collegiate students (private two lessons a week) | $18.00 |
| Special lessons, for regularly enrolled collegiate students, each | .75 |
| For those not regularly enrolled as collegiate students, but enrolled in the college: | |
| One lesson a week | 22.50 |
| Two lessons a week | 44.00 |
| Any number of lessons less than a semester's requirement, each | 1.50 |

### Commercial and Shorthand Tuition

| | |
|---|---|
| Full course—nine months—either course | $70.00 |
| Four months and one-half | 40.00 |
| Three months | 30.00 |
| One month, four weeks | 12.00 |

## FOUNDATION COURSES

### Law

Arrangements have been made with Northwestern University and with the Iowa State University and through it with other universities whereby good students can take the preliminary Arts course in Buena Vista College and then be transferred to the Law courses on full credit. This college will then give the A. B. degree on the completion of one hundred and twenty collegiate credits or the equivalent in the university. The Law degree will then be conferred by the university on completion of the combined courses of Liberal Arts and Law. During residence in Buena Vista Col-

lege the student will have the advantages of the special adjustments made for his course of study as shown in the suggested outline for the law student. Political Science, Economics, Social Science, History and Forensics are all given special emphasis. Storm Lake is a County Seat and the advantages of the local courts and the helpful suggestions of local lawyers will also be of great value.

### Medicine

The courses in Chemistry, Biology, Physics, Psychology and other pre-medical studies have been arranged to meet the requirements of the combined Arts and Medical curriculum of the University. Any student of strong average grade will have no difficulty in passing from the courses taken in Buena Vista College to the similar ones of the University. Arrangements have been made to that effect and will be operative in all cases. A suggested outline is presented below.

### Theology

The attention of all students expecting to enter the Ministry is called to the courses in Bible, Christian Evidences, Theism, Comparative Religions, Philosophy, Sociology, Education, and Science which will fit them for entrance to any Theological Seminary with excellent equipment. The suggested outline issued in this connection offers an excellent foundation course. The Christian College is the preliminary training school of the Church.

### Education

A major course including Psychology, Principles of Education, History of Education, School Management, Methods of Education, and all other subjects required by the State Board of Educational Examiners for the five year

first grade State Certificate is offered. The college is ranked as an accredited institution by the State Board of Educational Examiners. Its graduates have received the highest consideration by school boards and by the public. The college also offers a two year course in both Education and Home Economics approved by the State Board. On completing this course, students are entitled to receive the preliminary third grade State Certificate. Both of the above certificates are granted by the State Board without examination.

### Social Workers Course

The great emphasis laid today upon the usefulness of the Social Work demands attention from the colleges. Buena Vista has decided to call attention to this modern interest. An outline of the topics pertinent to this calling will be noted in the following pages. The Social Sciences and other lines of preparation are given special prominence.

### Missions

The volunteer missionary student will find here that the interests of that field have found expression in the curriculum. A course of study best intended to prepare for this arduous task is suggested. The pre-medical curriculum will be open to all students expecting to enter the work of medical missionary. The requirements will be the same as those for the medical students. The courses in Bible will be of the highest value to this course.

### Secretarial Work

The private secretary is in demand on all sides of the business problem. Buena Vista College has equipped herself to prepare the student for this line of important work. The outline gives a prominent place to all of those specia

udies required of the private secretary or of the business fice. Commercial Law, Accountancy, Bookkeeping, Stenraphy and Typewriting, Business Correspondence and like pics are offered.

### Business

The complex system of modern business presupposes good course of training in order to insure success. The ggested topics in this line meet that demand. These bjects are given the same rank and credit as any others the general curriculum. The course leads to the B. S. degree in Commerce.

## Suggested Four Year Course For Law Students

### Freshman Year

| First Semester | | Second Semester. | |
|---|---|---|---|
| English | 3 | English | |
| History | 3 | History | |
| Foreign Language | 4 | Foreign Language | |
| Chemistry | 5 | Chemistry | |
| Public Speaking | 1 | Public Speaking | |

### Sophomore Year

| | | | |
|---|---|---|---|
| Economics, Principles | 3 | Economics, Principles | |
| English Literature | 3 | English Literature | |
| Industrial Chemistry | 2 | Sanitary Chemistry | |
| Political Science | 3 | Political Science | |
| Foreign Language | 3 | Foreign Language | |
| Public Speaking | 2 | Public Speaking | |

### Junior Year

| | | | |
|---|---|---|---|
| Commercial Law | 3 | Commercial Law | |
| Economic History of Europe | 3 | Economic History of Europe | |
| American Government and Politics | 3 | American Government and Politics | |
| Sociology, Principles | 3 | Social Psychology | |
| Psychology | 3 | Psychology | |
| Public Speaking | 2 | Public Speaking | |

### Senior Year

| | | | |
|---|---|---|---|
| American Municipal Government | 3 | Modern European Government | |
| Economic History of America | 3 | Economic History of America | |
| Argumentation and Debate | 3 | Argumentation and Debate | |
| Logic | 3 | Oratory | |
| Corporation Finance | 3 | Transportation | |

Eight credits in Bible Study are required of all for graduation

## Suggested Four Year Course for Pre-Medical Students

### Freshman Year

| First Semester | | Second Semester | |
|---|---|---|---|
| English | 3 | English | 3 |
| Chemistry | 5 | Chemistry | 5 |
| Foreign Language | 4 | Foreign Language | 4 |
| Mathematics | 3 | Mathematics | 3 |

### Sophomore Year

| | | | |
|---|---|---|---|
| Biology | 5 | Biology | 5 |
| Physics | 4 | Physics | 4 |
| Psychology | 3 | Psychology | 3 |
| Qualitative Chemistry | 4 | Quantitative Chemistry | 4 |

### Junior Year

| | | | |
|---|---|---|---|
| English | 3 | English | 3 |
| Bacteriology | 4 | Physiology | 4 |
| History | 3 | History | 3 |
| Foreign Language | 3 | Foreign Language | 3 |
| Organic Chemistry | 4 | Organic Chemistry | 4 |

### Senior Year

| | | | |
|---|---|---|---|
| Biology, Histology and Technique | 4 | Biology, Genetics | 2 |
| Food Analysis | 3 | Food Analysis | 3 |
| Foreign Language | 3 | Foreign Language | 3 |
| Economics | 3 | Economics | 3 |
| Sociology | 3 | Social Psychology | 3 |

Eight credits in Bible Study are required of all for graduation.

## Suggested Four Year Course for Ministerial Students

### Freshman Year

| First Semester | | Second Semester | |
|---|---|---|---|
| English | 3 | English | 3 |
| Beginning Greek | 3 | Beginning Greek | 3 |
| Mathematics | 3 | Mathematics | 3 |
| Chemistry | 5 | Chemistry | 5 |
| Hist. Hebrews | 2 | Literary Study of O. T. | 2 |

### Sophomore Year

| | | | |
|---|---|---|---|
| English | 3 | English | 3 |
| Greek | 3 | Greek | 3 |
| Psychology | 3 | Psychology | 3 |
| Biology | 5 | Life and Teachings of St. Paul | 2 |
| Life and Teachings of Jesus | 2 | Biology | 5 |

### Junior Year

| | | | |
|---|---|---|---|
| Greek Oratory | 2 | Greek Drama | 2 |
| Logic | 3 | Social Psychology | 3 |
| Sociology | 3 | History | 3 |
| History | 3 | Christian Evidences | 2 |
| Social Teachings of Jesus | 2 | Foreign Language | 4 |
| Foreign Language | 4 | Public Speaking | 2 |

### Senior Year

| | | | |
|---|---|---|---|
| Greek, New Testament | 2 | Greek, New Testament | 2 |
| History | 3 | History | 3 |
| Hist. Philosophy | 3 | Hist. Philosophy | 3 |
| Social Problems | 3 | Social Pathology | 3 |
| Ethics | 2 | Christian Theism | 2 |
| Business Efficiency | 3 | Business Organization | 3 |
| or | | or | |
| Foreign Language | 3 | Foreign Language | 3 |
| Public Speaking | 1 | Public Speaking | 1 |

## Suggested Four Year Course for Missionary Students

### Freshman Year

| First Semester | | Second Semester | |
|---|---|---|---|
| English | 3 | English | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| Mathematics | 3 | Mathematics | 3 |
| Chemistry | 5 | Chemistry | 5 |
| History, Hebrews | 2 | Literary Study of O. T. | 2 |

### Sophomore Year

| | | | |
|---|---|---|---|
| English | 3 | English | 3 |
| Foreign Language | 3 | Foreign Language | 3 |
| Psychology | 3 | Psychology | 3 |
| Biology | 5 | Biology | 5 |
| Life and Teachings of Jesus | 2 | Life and Teachings of St. Paul | 2 |

### Junior Year

| | | | |
|---|---|---|---|
| Foreign Language | 3 | Foreign Language | 3 |
| Logic | 3 | Social Psychology | 3 |
| Sociology | 3 | Christian Evidences | 2 |
| History | 3 | History | 3 |
| Social Teachings of Jesus | 2 | Missions | 3 |
| Missions | 2 | | |

### Senior Year

| | | | |
|---|---|---|---|
| Foreign Language | 3 | Foreign Language | 3 |
| History | 3 | History | 3 |
| History of Philosophy | 3 | History, Philosophy | 3 |
| Social Problems | 3 | Social Pathology | 3 |
| Ethics | 2 | Christian Theism | 2 |
| Business Efficiency | 3 | Business Organization | 3 |

## Suggested Four Year Course for Social Workers

### Freshman Year

| First Semester | | Second Semester | |
|---|---|---|---|
| English | 3 | English | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| Mathematics | 3 | Mathematics | 3 |
| Chemistry | 5 | Chemistry | 5 |
| History, Hebrews | 2 | Literary Study of the O. T. | 2 |

### Sophomore Year

| | | | |
|---|---|---|---|
| English | 3 | English | 3 |
| Foreign Language | 3 | Foreign Language | 3 |
| Psychology | 3 | Psychology | 3 |
| Biology | 5 | Biology | 5 |
| Life and Teachings of Jesus | 2 | Life and Teachings of Paul | 2 |

### Junior Year

| | | | |
|---|---|---|---|
| Sociology, Principles | 3 | Social Psychology | 3 |
| Foreign Language | 3 | Foreign Language | 3 |
| Logic | 3 | History | 3 |
| History | 3 | Economic History | 3 |
| Economic History | 3 | Christian Evidences | 2 |
| Social Teachings of Jesus | 2 | | |

### Senior Year

| | | | |
|---|---|---|---|
| Social Problems | 3 | Social Pathology | 3 |
| Foreign Language | 3 | Foreign Language | 3 |
| History | 3 | History | 3 |
| History of Philosophy | 3 | History, Philosophy | 3 |
| Business Efficiency | 3 | Business Organization | 3 |
| Ethics | 2 | Christian Theism | 2 |

## TERMS OF ADMISSION

All candidates for admission must give satisfactory evidence of good moral character; those who have been identified with other colleges must present certificates of honorable dismissal.

Students may be admitted to Buena Vista college by any of the following methods: (1) by completing one of the courses in Buena Vista College Academy; (2) by presenting a certificate showing thirty semester credits of acceptable work completed in an accredited high school or academy. Graduates of unaccredited high schools may be admitted without examination and an opportunity given to make up deficiencies in meeting the entrance requirements; (3) by presenting credits or a certificate from some other college in good standing; (4) by taking an examination in the subjects required for admission. No person will be admitted to advanced standing later than the beginning of the senior year.

Those seeking admission by certificate should secure blanks from the college; these blanks should be filled out fully, signed by the principal or superintendent of the high school or academy where credits are recorded and returned to the registrar at least one week before the opening of the college in September. Candidates from non-accredited schools may take examinations in the subjects for which acceptable credits are not presented. Entrance examinations are held on the Monday preceeding registration day.

No college credit is granted for High School work unless it be in excess of 32 credits. An examination must be passed in work for which such credit is desired and credit presented to the Registrar from the department from which it is secured.

For admission to the Freshman class of Buena Vista College candidates must offer a total of thirty semester credits from the following list:

**Language**—Minimum four, maximum eight credits. Latin, German, French, Spanish, Greek. Any language must have two years credit to be accepted for entrance.

**History**—Minimum two, maximum eight credits. Ancient, Medieval and Modern, English, American (after Ancient), Civics, Economics.

**Mathematics**—Minimum five, maximum eight credits. Algebra, one and one-half years, (required). Plane Geometry (required), Solid Geometry, Arithmetic (after Algebra).

**Science**—Minimum two, maximum nine credits, Physics (preferred), Zoology, Botany, Physiography, Physiology, Chemistry.

**English**—Minimum six, maximum eight credits. Composition, Rhetoric, English Literature, American Literature. Uniform College Entrance Requirements in Classics.

**Commercial Branches**—Maximum eight credits. Commercial Law, Commercial Geography, Double-entry Bookkeeping, History of Commerce, Stenography and Typewriting.

**Miscellaneous Branches**—Agriculture, one to four credits; Domestic Science, one to four credits; Manual Training one to four credits; Pedagogy, one to two credits; Domestic Art, one to two credits.

## GRADUATION

### Degrees

On recommendation of the Faculty the Board of Trustees awards the degree of Bachelor of Arts to those who have gained one hundred and twenty credits, fulfilling the requirements of any accepted group, except groups VII and XII. The degree of Bachelor of Science in Commerce is awarded to those fulfilling the requirements of group VII; The degree of Bachelor of Science in Home Economics to students majoring in group XII. Eight credits in Bible must be secured before graduation.

### Honors.

On graduation from college, the distinction of "Magna cum Laude" is conferred for a grade of three-fourths A's and B's. That of "Cum Laude" for one-half A's and B's.

### The Group System

Beginning with the Academic year 1903-4 the courses of study were arranged according to the group system, which in recent years has been adopted by many institutions. The studies are arranged in various groups, in each of which there is one leading subject called Major and correlated subjects called Minors.

### Collegiate Department.

See the topic, "Terms of Admission" for the preparatory work required for entrance into the several groups.

The required subjects, including Majors and Minors, embrace those subjects which by general consent must be included in any scheme of liberal education. A credit is

given for each recitation per week in a subject for a semester. Twenty-four credits are required for a Major and twelve credits are necessary for a Minor subject. One hundred twenty credits are required for graduation of which eight must be in Bible. Under "Departments in Detail" is designated in what year each topic may be taken as an elective. Each student is required to pursue one Major subject and two Minor subjects.

The Majors and Minors are chosen at the close of the Sophomore year. In the choice of a Major the student should confer with the professor in charge with a view to planning for the entire group of courses connected therewith.

This grouping as planned, is then filed in the college office for subsequent reference and checking of credits as obtained. The subjects open for Major work are as follows: English, History and Political Science, Modern Language, Mathematics, Chemistry, Biology, Latin, Economics, Education, Commerce (Business Administration) and Home Economics.

Those who are not candidates for a degree may, without examination, join any class for which they are prepared and thus pursue a partial course.

## The Groups Suggested.

### I. Classical

| | |
|---|---|
| Latin | 24 |
| Greek, or Modern Language | 12 |
| Mathematics | 6 |
| English | 12 |
| Philosophy 1 | 6 |
| Chemistry | 10 |
| Biology | 10 |
| History | 12 |
| Bible | 8 |
| Electives | 20 |

### II. Mathematics

| | |
|---|---|
| Mathematics | 24 |
| Modern language | 12 |
| Physics and Chemistry | 18 |
| English | 12 |
| History | 6 |
| Bible | 8 |
| Electives | 34 |

### III. Modern Language.

| | |
|---|---|
| Modern Language | 24 |
| Modern Language | 12 |
| Philosophy 1 | 6 |
| English | 12 |
| Mathematics | 6 |
| Chemistry | 10 |
| Biology | 10 |
| History | 6 |
| Bible | 8 |
| Electives | 26 |

### IV. Philosophy

| | |
|---|---|
| Philosophy | 24 |
| Economics and Sociology | 12 |
| History | 12 |
| Modern Language | 12 |
| English | 12 |
| Mathematics | 6 |
| Chemistry | 10 |
| Bible | 8 |
| Electives | 24 |

### V. Chemistry

| | |
|---|---|
| Chemistry, Physics | 24 |
| Mathematics | 12 |
| German or French | 12 |
| English | 12 |
| Biology | 10 |
| Philosophy 1 | 6 |
| History | 6 |
| Bible | 8 |
| Electives | 30 |

### VI. Biology

| | |
|---|---|
| Biological Science | 24 |
| Chemistry and Physics | 18 |
| German | 12 |
| French | 6 |
| Mathematics | 6 |
| English | 12 |
| History | 6 |
| Philosophy 1 | 6 |
| Bible | 8 |
| Electives | 22 |

### VII. Commerce

| | |
|---|---|
| Business | 24 |
| Economics | 12 |
| History | 12 |
| English | 12 |
| Sociology and Philosophy | 8 |
| Modern Language | 6 |
| Chemistry | 10 |
| Mathematics | 6 |
| Biology | 10 |
| Bible | 8 |
| Electives | 12 |

### VIII. Economics

| | |
|---|---|
| Economics and Sociology | 24 |
| History and Political Science | 12 |
| Modern Language | 12 |
| English | 12 |
| Mathematics | 6 |
| Philosophy 1 | 6 |
| Chemistry | 10 |
| Biology | 10 |
| Bible | 8 |
| Electives | 20 |

### IX. Education

Education and Psychology 24
History 12
Modern Language 12
English 12
Philosophy 6
Economics or Sociology 6
Biology 10
Mathematics 6
Bible 8
Electives 24

### X. English

English 24
History 12
Foreign Language 12
Mathematics 6
Chemistry 10
Philosophy 1 6
Sociology 6
Biology 10
Bible 8
Electives 26

### XI. History and Pol. Science

History and Political Science 24
Economics and Sociology 12
Modern Language 12
English 12
Mathematics 6
Chemistry 10
Philosophy 1 6
Biology 10
Bible 8
Electives 20

### XII. Domestic Science

Domestic Science 24
Domestic Art 12
English 12
Mathematics or Language 6
Chemistry 10
Physiology 4
Bacteriology 4
Philosophy 1 6
History 6
Bible 8
Electives 18

Necessary preparation for Group one is two years of High School Latin. Necessary preparation for Group three is the work offered in two years High School German or French. Necessary preparation for Group X is the three years High School English.

## ORDERS OF STUDIES REQUIRED

### Freshman Year—14-16 Hours

English 1 throughout the year, 3 hours each semester. Psychology may be taken here by the two year teacher's course students.

### Sophomore Year—14-16 Hours

English Literature throughout the year. 3 hours each semester. In courses in Education, Psychology is required for Sophomore year, except as noted above.

**Junior and Senior Years—14-16 Hours**

Electives according to the conditions of the groups and outlines of the chosen Majors and Minors.

## DEPARTMENTS OF INSTRUCTION

In the following pages you will find the various departments of instruction outlined, giving the subjects taught and the length of time given to each, also the number of hours per week required in each subject, and credit to be received.

## BIBLE STUDY

**Professor Fracker**

This department offers four distinct courses. This arrangement has been adopted in order to avoid the duplication of courses and consequent repetition. The work has been so outlined and extended that the credits gained from it will receive the same consideration as those from any other department in the entire curriculum. These credits will also be of the same value in transfers to other institutions. The courses will cover four years, two hours per week. Eight Bible-study credits will be required for graduation from any collegiate four-year course. It is at the option of the student to take these credits at any time in the four years of his college course; e. g. four may be taken any one year and the other four any other year.

1-2 Freshmen courses. First semester, a study of the Old Testament Characters so as to bring out the history and customs of the Hebrews. One semester, two credits.

Second semester, a literary study of the books of the Old Testament, with discussion of the formation of the canon. One semester, two credits.

3-4. Sophomore courses. First semester, a study of the Life and Teachings of Jesus. One semester, two credits.

Second semester, a Life of St. Paul will be studied so as to bring out the beginnings of the Christian church. One semester, two credits

5-6. Junior courses. First semester, Social Teachings of Jesus. Second semester, Evidence of Christianity. Each semester two credits.

7-8. Senior course. First semester, Ethics. Second semester, Theism. Each semester, two credits.

# BIOLOGY

## Professor Smith

### 1-2—General Zoology

A course designed to give a broad survey of Animal Life, with intensive study of typical invertebrates and vertebrates. An abundance of preserved material is supplied, and the Museum collections are used to supplement this. In the Spring, some idea of the local fauna will be gained by field trips.

Open to all Freshmen and Sophomores, required for students in Education in the Freshman year.

Three hours lecture and recitation, with four hours laboratory work per week, the entire year.

Five credits each semester.

### 3-4—Invertebrate Zoology

A course giving a detailed amount of the invertebrate phyla, with special reference to development. Open only to students who have taken courses 1-2.

Two hours lecture and recitation, with three hours laboratory work, the entire year.

Three and one half credits each semester.

Given in alternate years; to be offered in 1920.

### 5-6—Vertebrate Zoology

The development of various organs of vertebrates is taken up in a comparative way, with laboratory study of the Dogfish, Necturus, a Turtle, and birds and mammals from the local fauna. Open only to students who have taken Biology 1-2.

Two hours lecture and recitation, with three hours laboratory work, the entire year.

Three and one half credits each semester.

Given in alternate years; to be offered in 1920.

### 7-8—General Botany

A study of representative plants from the lowest forms to the seed plants, with special prominence to the developmental stages.

Open to Freshmen and Sophomores.

Two recitations or lectures and four hours of laboratory work the entire year.

Four credits each semester.

### 9—Bacteriology

A laboratory course combined with lectures and recitations. The student will become familiar with the usual bacteriological technique,

such as the preparation of culture media and the cultivation and staining of bacteria. Special attention will be given to all questions connected with immunity and the control of epidemics. This course is designed especially for students in Home Economics, but is open to all who have taken Chemistry 1-2 and Biology 1-2 or 7-8.

One semester, eight hours a week; lecture, recitation and laboratory work. Four credits.

### 10—Physiology

A study of normal physiological processes of the human body, with special reference to the digestive and nervous systems.

Three hours recitation and lecture and two hours laboratory work, one semester. Four credits.

### 11—Genetics

Theories of evolution and heredity, and allied topics.

Prerequisite: Biology 1-2.

Two lectures or recitations per week, second semester. Two credits.

### 12—Histology and Microscopic Technique

General methods in preparing tissues for sectioning and microscopic study. Intensive study of the slides prepared, and interpretation of results.

Prerequisite, Biology 1-2 or Biology 10.

Two lectures and four hours laboratory work per week, one semester. Four credits.

### 13—Methods in Teaching Biology

Discussion and reports on assigned reading in connection with methods of collecting, identifying, preserving and preparing material; text books and other sources of information; courses of study in biology, and general pedagogical problems connected with the subject.

One semester: two credits.

## CHEMISTRY

### Professor Banghart

### 1-2—General Chemistry

This course is designed for all students who wish to gain a clear comprehensive view of the elements and constitution of matter.

A study will be made of the fundamental principles and laws governing the action of atoms, molecules, chemical equations, ionization and the changes that matter undergoes. The common elements, their salts and compounds and general reactions characteristic of each one will be carefully and thoroughly dealt with. The first part of

the term will be devoted to chemical arithmetic, learning to write reactions of every type and the solution of all problems dealing with chemistry changes The uses of the elements and their compounds will be especially emphasized as each one is taken up.

Original and careful notebooks of laboratory work will be required and these must be presented from time to time, showing the progress of this phase of the instruction. Assigned work in industrial processes will be made and written reports required. This course is open to all students and consists of three hours of lectures a week and four hours laboratory work.

Five credits, each semester.

## 3-4—Qualitative Analysis

A qualitative study of the metals and acid radicals will be conducted. Analysis of various commercial products will be carefully dealt with. These will include rubber, alloys, glass, soils, rocks, silage, fertilizers, baking powders and foods in general.

During the last few weeks the preparation of some inorganic salts will be carried out. Among these will be Ferrous Sulphate, one alum and cuprous chloride. This gives the student an idea of the commercial way compounds are manufactured. The text book will be Prescott & Johnson with readings assigned in Treadwell & Hall, Fresenius and other recognized texts.

Two hours lecture and four to six hours laboratory work per week are required although at the discretion of the instructor laboratory hours will be changed to recitation periods and vice versa according to the needs of the class.

Prerequisites Chemistry 1 and 2. Four credits, each semester.

## 5-6—Quantitative Analysis

Standard methods of volumetric and gravimetric determinations of simple and complete salts will be made, followed by the analysis of numerous commercial and common substances. Among these will be soils, soap, gas, water, air, iron ores, coal, fertilizers, bronzes, clays, and numerous foods, including milk, butter, eggs, etc. The course is designed as a general cultural course but will be found useful and fundamental for those specializing in chemistry or industrial processes based upon chemical principles.

Two lectures per week and six hours of laboratory work together with special reports will be necessary for the completion of this course. A very careful and original laboratory note book will be required.

Prerequisites Chemistry 1 and 2. Four credits second semester.

## 7—General Organic Chemistry

This course consists of a study relative to the most important and characteristic members of the various series and groups of carbon

compounds together with the laws and theories governing their action. In the laboratory these characteristic compounds will be made. During the year not less than 25 will be required. The quantitative phases of organic chemistry will be especially emphasized and the identification of several compounds made by this method. The quantitative determination of the constitution of organic compounds will be carried out by means of the combustion furnace. A determination of the molecular weights of some compounds will be conducted. Throughout this course very careful and original laboratory work will be required.

Prerequisites, Chemistry 1 and 2.

Two lectures per week and six hours laboratory work. Four credits, first semester.

### 7a—Applied Organic Chemistry

Consideration with special reference to Home Economics. Study, estimation and preparation of compounds relating to foods. Third semester. Prerequisite, Chemistry 1 and 2.

Two lectures. Two three-hour Lab. periods, four credits.

### 7b—Organic Chemistry—Medical Students

General study of Organic Chemistry to meet the requirements of students specializing in Medicine. Third semester. Prerequisite, Chemistry 1 and 2.

Two lectures. Two three-hour Lab. periods, four credits.

### 8—Organic Chemistry

Continuation of Organic 7. Given for students specializing in Chemistry and those taking full four year course in Chemistry. Fourth semester. Two recitations. Two three-hour Laboratory periods, four credits.

### 9—Food Chemistry

One semester course following 7a. Study of methods of analysis of foods; milk, butter, oleomargarine, ice cream, cereal foods, detection of coloring matter and food preservatives. Fourth semester, Prerequisite, 7a.

Two recitations. Two two-hour Laboratory periods, four credits.

### 10—Textile Chemistry

Study of physical and chemical nature of fabrics; testing of materials; chemistry of cleaning. This course accompanies Chemistry 9. Fourth semester. Prerequisite, 7a.

One recitation. Two Laboratory periods, two credits.

### 11-12—Industrial Chemistry

This course will be conducted along industrial and commercial lines. Several articles of commerce will be studied, among these will

be the manufacture of gas, strawboard, paper, cloth, together with aying of same, leather, sugar, soap, corn syrup and its various compounds, explosives as used today including nitroglycerine, dynamite, forcite, gun cotton, picric acid and tri-nitrotoluol, water plants, gas plants, cement building blocks, ice manufacture, cold storage, soft drinks manufacturing, ice cream, baking powder, confectionery, water softening, creameries and sewage disposal. Trips to plants similiar to these outlined will be made.

Two recitations. Two credits each semester.

### 13—Soil Analysis and Agricultural Chemistry

This course makes a study of substances agriculturally important. A study of soil analysis and its interpretation as to how to correct soils that are chemically incorrect will be extensively carried out. Feeding of cattle for marketing and domestic purposes will be carefully investigated.

Lectures and laboratory work alternate.

### 14—Teachers' Course

This course will deal with the most successful methods of teaching general chemistry.

One semester, one lecture, one recitation, two credits.

### 15—History of Chemistry

The development of chemical knowledge mainly from the biographical standpoint. Prerequisite, General Chemistry.

One semester, two recitations, two credits.

## ECONOMICS AND BUSINESS ADMINISTRATION

### Professor Libby

This department offers a four-year course for men and women who wish a broad training in the fundamental facts and principles of business.

Courses numbered from 1 to 10 are introductory and are intended for students of freshman and sophomore standing. Courses numbered from 100 upward are intended for students above sophomore standing.

### Degree

Students who complete the required work of four years are eligible for the degree of Bachelor of Science in Commerce.

## ECONOMICS

### 1-2—Principles of Economics

A general introduction to economic study. Analytical study of

the principles; present organization and operation of industry, determination of value, mechanism of exchange, and distribution of wealth. Discussion of practical economic questions. Sophomore standing required.

Three hours, each semester, six credits.

### 3—Economic Problems

A study of selected current problems. Prerequisite, Economics 1 and 2. (Given in alternate years.)

Two hours, first semester, two credits.

### 4-5—Elementary Accounting

Bookkeeping and accounting. Fundamental accounts and books. Students who present bookkeeping for entrance will not receive credit for course.

Three hours, each semester, six credits.

### 6-7—Accounting Principles and Problems

Principles of accounting and problems. Ample practice is provided. This course is a prerequisite to all other courses in accounting.

Three hours, each semester, six credits.

### 100-101—Economic Resources

A study of the resources, industries and commerce of the principal countries, with special reference to the United States.

Three hours, each semester, six credits.

### 102—Business Organization

Developments and analysis of the different forms of industrial organization. Public policy toward corporation.

### 103—Marketing

An analysis of marketing processes. (Given in alternate years.)

Three hours, second semester, three credits.

### 104—Labor Problems

The present conditions and problems of labor, history of unionism, policies of trade unions, collective bargaining, strikes, etc.; labor legislation; proposed solutions of labor problems. (Given in alternate years.)

Three hours, second semester, three credits.

### 105—Principles of Money and Banking

The principles of money; banking principles and operations. (Given in alternate years.)

Three hours, first semester, three credits.

### 106—Banking Practice

Problems and methods of organization and administration of banking institutions. (Given in alternate years.)

Two hours, second semester, two credits.

### 107—Transportation

The development of the railway system of the United States; theories of rates; consolidation, etc.; a study of the work of the Interstate Commerce Commission, state commissions; incidental study of the railroad systems of other countries; labor, river, and canal transportation, ocean transportation. (Given in alternate years.)

Three hours, first semester, three credits.

### 108-109—Advanced Accounting

A course in higher accounting. A study of the corporation; manufacturing accounts; voucher systems; valuation of assets; depreciation, etc.; liquidation of a corporation; consolidations and mergers, etc. The later part of the course will comprise selected advanced problems.

Three hours, each semester, six credits.

### 110—Cost Accounting

Among the topics included will be relation of cost records to the general books of a business, accounting for materials, handling of direct labor, calculation of cost systems. The discussions will be supplemented by various exercises. (Given in alternate years.)

Two hours, first semester, two credits.

## 111—Auditing

This course deals with the qualifications, duties and responsibilities of the public auditor. Survey of auditing procedure, devices for the detection and prevention of fraud, methods of audit.
Laboratory exercises. (Given in alternate years.)

Two hours, second semester, two credits.

## 112—Corporation Finance

The instruments of corporation finance, trading on the equity, plan of capitalization, financing an expansion, amortization; securities issued for mergers, combinations and consolidations; bankruptcies, receiverships and reorganizations; syndicate transactions, joint accounts and underwritings; preparation of securities with respect to the market, etc.

Three hours, second semester, three credits.

## 113—Public Finance

Principles of taxation, different kinds of public revenues; classes of public expenditure, fiscal organization of state. (Given in alternate years.)

Three hours, second semester, three credits.

## 114—Investments

General principles of investment, analysis of securities, classification of investment securities; investments of commercial banks, etc.; how to make and care for investments.

Three hours, second semester, three credits.

## 115—Elementary Statistics

This course deals with statistical principles and methods. Assigned problems.

Two hours, second semester, two credits.

## 116—Business Statistics

Investigation of the uses of statistics in various types of business. Prerequisite, Elementary Statistics. (Given in alternate years.)

Two hours, first semester, two credits.

## 117—Business Law

This course gives acquaintance with the more fundamental legal principles of business. It includes a study of the law of contracts, agency, bailments, negotiable instruments, partnerships, corporations, insurance, obligations of common carriers, bankruptcy, transfer of property, sales of personal property.

Three hours, second semester, three credits.

## 118—Advertising

Theory, technique and practice of advertising; organization and management of advertising departments and agencies. (Given in alternate years.)

Two hours, first semester, two credits.

## 119—Salesmanship

Personal salesmanship; selection and organization of sales forces; psychology of selling; methods of selling; sales and advertising campaigns. (Given in alternate years.)

Two hours, second semester, two credits.

## 120—Office Organization and Management

A study of principles of organization and management; duties and problems of office executives. (Given in alternate years.)

Three hours, first semester, three credits.

## 121—Principles of Organization and Management

This course is concerned with a study of manufacturing organizations; efficiency standards. (Given in alternate years.)

Three hours, second semester, three credits.

## Suggested Course for Students in Business Administration, Secretarial Work, Commerce and Commercial Teaching.

### Freshman Year

**First Semester**

English ---------- 3
Foreign Language ---------- 3
History ---------- 3
Suggested electives ---------- 6

Elementary Accounting
Government and Politics
Language
Mathematics
Science

**Second Semester**

English ---------- 3
Foreign Language ---------- 3
History ---------- 3
Suggested electives ---------- 6

Elementary Accounting
Government and Politics
Language
Mathematics
Science

### Sophomore Year

**First Semester**

English ---------- 3
Principles of Economics ---------- 3
Economic Resources ---------- 3
Physical Education ----------
Suggested electives ---------- 3

Foreign Language
Science
Psychology

**Second Semester**

English ---------- 3
Principles of Economics ---------- 3
Accounting Principles ---------- 3
Economic Resources ---------- 3
Physical Education ----------
Suggested Electives ---------- 3

Foreign Language
Science
Psychology
Statistics

Students presenting but two units of foreign language for entrance must elect foreign language in the Sophomore year.

## Junior Year

| First Semester | | Second Semester | |
|---|---|---|---|
| Business Organization | 3 | Corporation Finance | 3 |
| Money and Banking | 3 | Marketing | 3 |
| Transportation | 3 | Business Law | 3 |
| Advanced Accounting | 3 | Advanced Accounting | 3 |
| Suggested electives | 3 | Suggested electives | 3 |
| Cost Accounting | | Auditing, Statistics | |
| Politics, Sociology | | Politics, Sociology | |
| Psychology, Science | | Psychology, Science | |
| Language, Education | | Language, Education | |
| Advertising | | Economics, Salesmanship | |
| Office Organization and Management | | Banking Practice | |
| Economics | | Principles of Organization and Management | |
| | | Investments | |

## Senior Year

| First Semester | | Second Semester | |
|---|---|---|---|
| Major | 6 | Major | 6 |
| Electives | 9 | Electives | 9 |

Provision is made for students who wish to take Typewriting and Stenography, in addition to the regular course.

Eight hours credit in Bible Study are required for graduation.

Students who wish to secure the first grade State Teachers' Certificate must elect Psychology and fourteen hours of Education.

# EDUCATION

## Dean Burdick

### 1—Adolescence

A study of the physical and mental development and characteristics of the adolescent period, and the bearing of these facts upon the process of education.

One semester, two hours, two credits.

### 2—Child Study

A study of the child during the first twelve years; his physical and mental development and characteristics, and the bearing of these facts upon educationel principles and practice.

One semester, three hours, three credits.

### 3—General Method

This course considers practical problems in teaching with a view to their application. Observation work. Required of both the two year and four year students. One semester, two hours, two credits.

### 4—School Management

The problems of organization and class-room management are considered in this course. The practical application of psychology to the subject are pointed out. Readings, discussions, observations and reports.

One semester, two hours, two credits.

### 5—History of Education

A study of educational thought among early peoples, and the ancient classical nations, and the rise of Christian education. Required of all candidates for First Grade certificates.

One semester, two hours, two credits.

### 6—History of Education

The development of education from the Renaissance to the present time. Required of all candidates for certificates.

One semester, two hours, two credits.

### 7 and (8)—Principles of Education

The fundamental principles underlying the educative process. Prerequisite, Psychology. Required for a first grade state certificate Two semesters, two hours, four credits.

(Parentheses show that a course can not be split.)

### 9—Educational Psychology

A detailed study of the learning process, and a consideration of the educational significance of such problems as instinct, memory, habit, learning, practice, and fatigue. Prerequisite, Psychology.

One semester, two hours, two credits.

### 10—Social Education

An analysis of education as a social process. An attempt is made to relate education to vital experience.

One semester, two hours, two credits.

### 11—Special Methods.

The teachers' courses offered in the departments of English, History, Mathematics Biology, and Chemistry, are given credit in the Department of Education toward the State Teachers' Certificate. Recitation, observation, and practice teaching.

One semester, two hours, two credits.

## THE STANDARD REQUIREMENTS FOR FOUR YEAR TEACHER'S COURSE—ACCREDITED

Graduates of the four year college course are entitled to receive the First Grade State Teacher's Certificate without further examination. The college course must include fourteen hours of education and six hours of psychology. The following courses constitute the work in Education:

1. Psychology: Six semester hours.

2. Education: Fourteen semester hours.

(a) Principles and science of education. Limited to eight semester hours.

(b) History of education. Limited to eight semester hours.

(c) General and special methods of teaching. Limited to four semester hours,—two hours of general methods must be taken in the department of Education.

Note: Under this head accredited colleges may offer courses in methods of teaching secondary subjects to students who have made majors of these subjects.

(d) Electives in professional courses:

History of Industrial and Vocational Education.
Child Study.
History of Philosophy.
Adolescence.
Organization of the High School.
The High School Curriculum.
The High School Student.
Secondary Education.
Supervision or School Administration.

Note 1: No credit will be given for any course in Education which requires less than two hours in one semester.

Note 2: A college of Liberal Arts may offer Psychology as early as the sophomore year and not to exceed six semester hours of work in Education in the first two years.

## THE STANDARD REQUIREMENTS FOR A TWO YEAR TEACHER'S COURSE—ACCREDITED

For the Third Grade State Certificate, Department of Public Instruction, State of Iowa.

### Specifications

1. Fifteen secondary units are required for admission.

2. The teacher's course must consist of seventy-two weeks.

3. One-fourth of this course shall be given to pedagogical subjects including psychology, school management, history of education, and methods of instruction.

### Freshman Year

| First Semester | | Second Semester | |
|---|---|---|---|
| Mathematics | 3 | English | 3 |
| English | 3 | Mathematics | 3 |
| Chemistry | 5 | Chemistry | 5 |
| Psychology | 3 | Psychology | 3 |
| Public Speaking | 2 | Public Speaking | 2 |

### Sophomore Year

| | | | |
|---|---|---|---|
| History | 3 | History | 3 |
| English Literature | 3 | English Literature | 3 |
| Biology | 4 | Biology | 4 |
| Gen. Method | 2 | Hist. of Education | 2 |
| Child Study | 3 | School Management | 2 |
| | | Elective | 2-3 |

Owing to the more exacting terms of accrediting High Schools, the two year courses are no longer recommended for accredited High School work. The High schools are demanding the four year courses. However, students from these two year courses can secure positions in the unaccredited High School, in the Grades, in rural schools and in many consolidated schools.

# ENGLISH

## Professor Wilcox

The courses of the department are intended to serve five main purposes:

(1) To train students in the use of English as a means of expression and communication for the ordinary demands of social, commercial, and professional life; (2) To continue that training to suit the special needs of those who intend to take up journalistic or literary work; (3) To develop the literary sympathy and appreciation and to extend the knowledge of those who find in English and American literature the readiest means of obtaining the advantages of a liberal education; (4) To prepare teachers of English for school work; (5) To fit students for and assist them in scholarly investigation. The following courses will be found, directly or indirectly to meet these ends.

Those wishing to major in English should take Course 2, and six hours beyond the required courses, 1 and 7. Those taking major work in this department will consult with the Head of the department before enrolling for junior and senior work. Students wishing a recommendation from the department for the teaching of English are advised to take Course 10.

Before a student is allowed to enter 1-a or 1-b, he must show by a written test his ability to express himself in clear, correct English. No student will be passed in this test and permitted to pursue a course in college English whose work shows serious weakness in spelling, punctuation, grammar, sentence, or paragraph structure.

The applicant must also have had a thorough study of at least ten of the English classics on the list of uniform college entrance requirements in English, or their equivalents.

A knowledge of the history of English literature or of American and English literature is desired. In such study emphasis should have been placed on general movements and tendencies in literature, and the greater part of the time should have been devoted to the reading and study of selections from representative authors of each period.

## A—Sub-Collegiate Composition and Rhetoric

This course is for those who have not had sufficient preparation to pass the entrance test in Freshmen English and will consist of intensive composition and grammar work. Three hours a week; no college credit.

## 1—Freshman Composition and Rhetoric

An effort is made in this course to show the practical value of spoken English; to make students appreciate the fact that the person who uses correct English is a force in the community. Written work is also required. The themes of the students receive both class and individual attention. Required of all freshmen.

If after passing course 1, a student is reported deficient or careless in English composition, he may be required to take additional work in that subject.

a. The work of the first quarter of the semester will consist in practice in writing English prose, with observation of the principles involved. In the second quarter of the semester narration with description will be studied. Representative illustrations will be found in library books and magazines.

First semester, three hours, three credits.

b. Practice in descriptive and expository writing. Reports and letters. Selections will be studied.

Second semester, three hours, three credits.

c. College Business English.

Taken for credit only by student in our Commercial course, and by seniors preparing to teach the subject. The work of the first semester will consist in practice in writing English prose, observing the principles involved, and their application to the special problems of business. Business reports and business letters.

Text: Lewis' Business English.

First semester, three hours, three credits.

d. This course is a continuation of 1-c. Narration, description, exposition and argumentation, as used in business will be studied and themes written. Advertisement English.

Text: Lewis' Business English.

Second semester, three hours, three credits.

## 2—Literary Forms

Omitted in 1920-1921.

a. Required of those majoring in English; a study of the essential elements of poetry and of English verse forms. Modern writers as far as possible will be read for the study of poetic forms. A short time will be spent on the modern drama. Note book and oral reports required.

Text: Gummere's Handbook of Poetics.

First semester, three hours, three credits.

b. Analysis of prose selections will be made. Occasional theme work will be required.

Text: Genung's Rhetorical Analysis.

Second semester, three hours, three credits.

## 3—Victorian Age

Omitted in 1920-21.

Reading and interpretation; assignments and reports; papers on topics suggested by reading. Open to juniors and seniors.

a. Tennyson.

First semester, three hours, three credits.

b. Browning.

Second semester, three hours, three credits.

## 4—The English Drama

Offered in 1920-21.

Open to juniors and seniors.

a. A study of the development of the English drama from the earliest Greek period through the Elizabethan Age. The laws of the drama. Representative plays from each period of its development. Extensive readings and reports.

Text: Matthews' The Development of the Drama.

First semester, three hours, three credits.

b. A study of the following works of Shakespere; Love's Labors Lost, Midsummer Night's Dream, Richard III, Romeo and Juliet, Henry V, As You Like It, Twelfth Night, Hamlet, Othello, King Lear, Coriolanus, The Tempest.

Second semester, three hours, three credits.

## 7—English Literature

A general survey of the subject. Required of all students. The aim of the course is to make clear the relation of the writer to his own age, and of one age or period to another. Each age, with its characteristics and writers, will be studied as a unit. Collateral readings; note book; occasional papers.

Texts: Moody and Lovett's The History of English Literature; The Century Readings in English Literature.

a. From 449 to the age of Pope.

First semester, three hours, three credits.

b. From the age of Pope to the twentieth century.

Second semester, three hours, three credits.

## 8—The Short Story

Offered in 1920-21.

The short story as a distinct literary form. Study will be confined to the American short story.

First semester, three hours, three credits.

## 9—American Literature

Offered in 1920-21.

A general survey of the subject will be made. The aim of the course is to make clear the relation of the writer to his own age; and of one age to another. Each age, with its characteristics and writers will be studied as a unit. Collateral readings, and note book.

Second semester, three hours, three credits.

## 10—Teacher's English Course

Omitted in 1920-21.

This course includes a review of English grammar; a study of the history and formation of the English language; a review of the classics required for college entrance; the methods of teaching elementary rhetoric and composition; papers; discussions; and some practice teaching.

Text: Lomer and Ashmun's The Study and Practice of Writing.

Two semesters, two hours, four credits.

## 11—Journalism

Practice in newspaper reporting, in editorial work, in the preparation of special articles, and in other forms of journalistic writing. The history and development of the American press. Special talks on various phases of journalistic work. Hour to be arranged. Text: Bleyer's News Paper Writing and Editing.

Two semesters, one hour, two credits.

## 12—Advanced Composition

This course is planned to help the student to write effectively, and so far as possible, with creative power. Attention will be given to oral composition. Weekly themes, impromptu exercises, and reports on assigned subjects will be required. Recommended to students expecting to enter inter-collegiate contests.

Second semester, two hours, two credits.

## ESPERANTO

### Professor Fracker

An enthusiastic friend of Esperanto, Miss Jane E. Hamand of Schaller has contributed a sum toward the establishment of a chair of Esperanto. The purpose of the author of Esperanto as well of the leaders in the Esperanto movement throughout the world is not to offer a universal language seeking to supplant the existing languages but one that is simple and thus readily learned to be used as an auxiliary language. Its great object is to facilitate the approach of nation to nation in all the lines of intercourse. Esperanto has certainly been put to the test and has shown itself thoroughly fitted for its purpose in commerce, travel, science, and many other lines.

We offer for the present a one year course of three, four or five recitations a week with three, four or five credits accordingly.

## FRENCH

Open to students of any year in college. Less than two years of French will not be advised. Less than one year will not receive credit. The methods employed will be in accord with the demands of the present age. As high an efficiency as possible will be produced in the writing, reading, and speaking of the language.

### 1-2—Elementary French

Elementary grammar. Reading of several easy, modern texts. Careful attention to pronunciation. Use of the phonetic symbols to secure accuracy. Practice in writing and speaking in connection with the daily exercises.

The entire year, four hours per week, eight credits.

### 3-4—Present Day Writers

Review in grammar, composition and conversation. Translation of such authors as Daudet, Maupassant, Dumas, Merimee, and others. The rapid reading of many selections should develop the ability to read at sight works of interest to the modern student.

The entire year, three hours per week, six credits.

### 5-6—Literary Masterpieces

French Literature, History, Drama, Fiction; selections to illustrate the development of French Literature from the early to the modern forms. Hugo, Balzac, and others of the nineteenth century.

The entire year, three hours per week, six credits.

### 7-8—History of French Literature

History of French Literature, Corneille, Racine, Moliere and others of the seventeeneth century.

The entire year, three hours per week, six credits.

# GERMAN

## 1-2—Reading and Composition

This course presupposes our two years of academy work and consists of advanced composition and readings from the classics.
Two semesters, three hours, six credits.

## 3-4—Present Day Writers

Readings from present day writers.
Two semesters, three hours, six credits.

## 5-6 Electives

For these years is offered a selection from the following courses which each cover one year, three times a week, six credits.

1. History of German Literature with reading of several masterpieces.
2. Readings in modern German literature.
3. Life and works of Goethe.
4. Life and works of Schiller.
5. Teachers' course for those purposing to teach German in High Schools.

## Beginner's Course

7-8. This is a course for collegiate students wishing to begin German.

Two semesters, five hours, six credits.

## Scientific German

9-10. A course in Scientific German. This course presupposes a knowledge of German equivalent to course 7-8.

Two semesters, three hours, six credits.

## GREEK

### Professor Fracker

A course in Beginning Greek is open to freshmen. A sufficient quantity is demanded to secure college credit according to number of hours taken. This provision is intended to meet the requirement of the student who contemplates entering the Gospel ministry. It will insure the preparation for the New Testament Greek.

The entire course is sufficient to present a major if that may be desired. The college courses leading to the usual B. A. degree are as follows:

1-2. Beginning Greek. The grammar, composition, Anabasis, and such other easy selections as may be found possible.

3. Homer. The Iliad is read and the study of the ancient literature, history and mythology of the Greeks, first semester, three hours, three credits.

4. Plato. Apology and Crito or the Phaedo. A study of ancient Greek philosophy. Second semester, three hours, three credits.

5. The Greek Orators. Lysias, Demosthenes and others. The characteristics of Greek Oratory, first semester, three hours, three credits.

6. The Greek Drama. Aeschylus, Euripides, Sophocles. The character and history of the Greek Drama, second semester, three hours, three credits.

7. The New Testament. A careful study of the grammar of New Testament Greek and of the difference from the classic Greek, first semester, three hours, three credits.

8. Grecian History required of all who major in Greek, second semester, two hours, two credits.

## HISTORY AND POLITICAL SCIENCE

### Professor Robertson

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### 1-2—European History (476-1920)

An economic political and social history of Europe from the 5th cent. to the present time. Problems of today are explained in so far as they relate to the past. All phases of the great war are taken up in so far as time will permit.

Three hours throughout the year, six credits.

### 3-4—American History

This course emphasizes the Economic as well as the Political and Social side of American History.

Three hours throughout the year, six credits. (Alternate years.)

### 5-6—History of England

This course emphasizes the Constitutional side of English History (Important for students specializing in History, Political Science or Law.)

Three hours throughout the year, six credits. (Alternate years.)

### 7—European History (1815-1920)

A detailed study of the great problems, economic, political and special which have confronted European Nations during the last 100 years.

Three hours, one semester, (alternate years,) three credits.

### 8—European History

European Consolidation and Colonial Expansion in the 17th and 18th Century.

Three hours, one semester, three credits. (Alternate years.)

### 9—Principles of Research

A course in the practical investigation of historical problems based upon extensive work in standard books, periodical literature and other material. Especial attention given to reports, book reviewing and criticism of material. This is especially valuable to those intending to pursue graduate work, and students majoring in History are strongly advised to elect it.

Three hours, one semester, three credits, (alternate years.)

### 10-11—American Government and Politics

A study of the development organization, powers, limitations and practical working of the National, State and Local government. With special attention to the study of the Government of the State of Iowa.

Three hours throughout the year, (alternate years) six credits.

### 12—American Municipal Government

The growth of cities; their legal and social status; municipal organization in the United States, including mayor and council, commission, and city manager plans; municipal organization abroad.

Three hours, one semester, (alternate years) three credits.

### 13—Modern European Government

The political systems of France, Germany, Austria-Hungary, Italy, and Switzerland; constitutional beginning; political organizations; methods of legislation and administration; constitutional guarantees for the protection of individual rights.

Three hours, one semester, (alternate years), three credits.

### 14—Greek History

Rise, Fall and Contribution of Grecian History.

One semester, three hours, three credits.

### 15—History of Rome

Rise, Fall and Contribution of Roman History.

One semester, three hours, three credits.

### 16—Americanization

A course for those who intend to teach this subject in high schools Citizenship, Immigration, and Agencies for Americanization will be emphasized.

One semester, two hours, two credits.

## HOME ECONOMICS

**Professor Normington.**

Home Economics has been said to stand for the utilization of the resources of modern science and art to improve the home life. The home is the woman's realm and she should run her household on scientific and artistic principles. Home Economics, a general term including all the arts and sciences which centre about the home, is a wide field. It may be divided into Domestic Science and Domestic Art.

Domestic Science includes Chemistry, Physiology and Hygiene, Bacteriology and Biology in their relation to the home, cooking and serving of meals; the preparation, manufacture and cost of foods, dietetics, home nursing and invalid cookery, household accounts, household sanitation, etc.

Domestic Art includes the study of textiles, care and repair of clothing, sewing, design in relation to house furnishing and dress, hygiene of dress, economics of dress, etc.

If the woman is to be trained to run her household more intelligently in the future, teachers must be trained to introduce these subjects into the school curriculum. Especially is there an increased demand for graduates of four year courses in Home Economics as teachers.

### 1-2—Texties and Clothing

1. Fundamental stitches and the use of the sewing machine. Designing and making of undergarments. Dress for cooking, Aprons, etc. Drafting and use of commercial patterns.

First semester. Three 2-hour Lab. periods. Two credits.

2. Study of textiles. Continue using drafted and commercial patterns as the basis for making skirts waists and dresses. Darning, patching and mending.

Second semester. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

## 3-4—Advanced Textiles and Clothing

3. Relation of ancient to modern dress. Study of figure, color harmonies. Apply in the making of woolen dress.

Prerequisite 1 and 2. First semester. One recitation. Two two-hour Lab. periods, 2 1-3 credits.

4. Millinery Textiles and Clothing: Study of the wearing of different costumes for various occasions. Making of spring gowns. Designing and drafting patterns for hats, making of frames, various types of trimming, etc. Renovation of material, remodeling old hats, etc.

Prerequisite 3. Second semester. One recitation. Two two-hour Lab. periods, 2½ credits.

## 5-6—Foods

5. History, composition, cost and economic value. Effect of heat upon typical foods. Apply to the cooking of foods for cafeteria use.
First semester. One recitation. Three 2 hour Lab. periods. Three credits.

6. Foods: Continuation of 5.

Prerequisite 5. Second semester. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

## 7-8—Advanced Cooking

7. Food preservation; practice in making of the menu with reference to season, cost, etc. Marketing, planning and taking the responsibility for the meals served in the cafeteria.
Prerequisite 5 and 6. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

8. Advanced Cooking: Continuation of 7.

Prerequisite 7. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

## 9-10—Training in Teaching Home Economics

9. Courses of study, lesson plans, equipment and text books. History of Home Economic movement. Plan and present lessons. Assist in college classes.

Prerequisite completion of 1 semester. Junior year in home economics. First semester. Two recitations. Laboratory periods to be arranged. Three credits.

10. Training in Teaching Home Economics. Continuation of 9.

Prerequisite 9. Second semester. Two recitations. Laboratory periods to be arranged. Three credits.

## 11-12—Dietetics

11. Thorough and scientific study of foods in their relation to the daily needs of the family living under various conditions, influence of occupation, climate, race, age and sex, upon diet.

Prerequisite, Chemistry and Physiology. First semester. One recitation. Two 3 hour Lab. periods, 3 1-3 credits.

12. Dietetics: Continuation of 11.

Prerequisite 11. Second semester. One recitation. Two 3 hour Lab. periods, 3 1-3 credits.

## 13-14—Applied Design

13. Mechanical drawing, principles of design; proportion, balance, rhythm. Applied to lettering, spacing, etc.

First semester. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

14. Applied design: perspective, simple sketches. Apply principles of design and color harmony to useful articles and decorative posters.

Prerequisite 13. Second semester. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

## 15-16—The House

15. Evolution of domestic architecture. Consideration of site, essential elements in planning construction. Water, heating, plumbing, ventilating and lighting system. Original plan for location. Sketch of exterior house plan.

Prerequisites 13 and 14. One recitation. Two 2 hour Lab. periods 2 1-3 credits.

16. The House: Continuation of 15. Interior and complete furnishing of a house. Proportions, color schemes, coverings, draperies, etc. Sketches of color harmony for different rooms. Total cost of an ideal modern home.

Prerequisite 15. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

## 17—Care of the House

Development of greater personal efficiency in relation to household duties through unit time, method, and motion studies. Technique of the care of the house is developed through laboratory work, dealing with the treatment of wood, metal, glass, extiles, etc.

Prequisite Chemistry and Physics. Laboratory, one study hour period regarding standards of living, budget making, etc. Outside work one hour.

## 18—Institutional Management.

Institutional Management includes study and observation of methods, labor saving devices, equipment, etc., used in public eating places.

Two 2 hour Lab. periods. 2 credits.

## 19—Home Nursing

Care of a patient under home conditions. Location, furnishing, temperature and ventilation of the room. Care and upkeep of room, care of the patient.

Prerequisite, Bact. One recitation. One credit.

## 20—History of Art

20 Sculpture. Development of an appreciation of art from the early periods to the present time. Both painting and sculpture.

Three recitations, three credits.

## 21—Personal Hygiene

Sanitary care of the person, clothing and surroundings.

One recitation. One credit.

## Four Year Course in Home Economics for Teachers

This course leads to the degree of Bachelor of Science in Home Economics and the graduates are entited to the First Grade State Teachers Certificate without examination by the state. Besides the required work in Home Economics and allied subjects, six hours of Psychology and fourteen hours of Education as outlined by the state are included. Thus with the special work in principles of Education and the methods of teaching, the student is thoroughly equipped to teach her chosen subject.

## Suggested Outline of Four Year Course

### Freshman Year

| First Semester | | Second Semester | |
|---|---|---|---|
| Home Economics 5 Cooking | 3 | Home Economics 1, Textiles and Clothing | 2 |
| Home Economics 21, Personal Hygiene | 1 | Home Economics. 14 Design | 2 1-3 |
| Chemistry, 1 | 5 | Chemistry I | 5 |
| English I | 3 | English I | 3 |
| Mathematics or Language | 3 | Mathematics or Language | 3 |
| Home Economics 13, Mechanical Drawing | 2 1-3 | | |

### Sophomore Year

| First Semester | | Second Semester | |
|---|---|---|---|
| Home Economics 2, Textiles and Clothing | 2 1-3 | Home Economics 6, Selection and Preparation of food | 2 1-3 |
| Biology 1, | 5 | Chemistry 9 | 4 |
| Chemistry 7 | 4 | Chemistry 10 | 2 |
| Education, Child Study | 3 | Biology 2 | 5 |
| Psychology | 3 | Education, School Management | 2 |
| | | Psychology | 3 |

## Junior Year

**First Semester**

Home Economics 3, advanced Textiles and Clothing ----------2 1-3
Home Economics 11, Dietetics ----------3 1-3
Home Economics 15, the House ----------2 1-3
Biology 10 ----------4
Home Economics 17, Household Management ------1
Education, History of Education ----------2
English ----------3

**Second Semester**

Home Economics 4, Millinery Textiles -------2 1-3
Home Economics 12 Dietetics ----------3 1-3
Home Economics 16, The House ----------2 1-3
Biology 9 ----------4
Education, History of Education ----------2
English ----------3

## Senior Year

**First Semester**

Home Economics 9, Demonstration and Training in Teaching ----------3
Home Economics 7, Advanced Cooking ----2 1-3
Home Economics 14a, Costume Design --------1 1-3
Elective ----------3
Education, General Method ----------2
Education, Principles ------2

**Second Semester**

Home Economics 10, Demonstration and Training in Teaching ----------3
Home Economics 8 Advanced Cooking --------2 1-3
Home Economics 19, Home Nursing ----------1
Home Economics 20, History of Art ----------3
Home Economics 18, Institutional Management ---2
Education, Principles ------2
Elective ----------2

Eight credits in Bible are required for the B. S. in H. Ec. degree.

### Two Year Course in Home Economics for Teachers

Students completing this course are entitled to receive the preliminary third grade state teachers certificate without state examination. This is planned for the student who wishes to specialize in Home Economics and cannot spend four years preparing herself to teach. Positions are open in small High Schools and in grade schools any where in the sta.te.

## Freshman Year

| First Semester | | Second Semester | |
|---|---|---|---|
| H. Ec., 1a Textiles and Clothing | 2 | H. Ec., 1a Textiles and Clothing | 2 1-3 |
| H. Ec., 5a Foods | 3 | H. Ec., 6a Foods | 2 1-3 |
| Biology—Physiology and Hygiene | 2 | H. Ec., 13a Design | 1 1-3 |
| Chemistry | 5 | Chemistry | 5 |
| Phychology | 3 | Psychology | 3 |

## Sophomore Year

| First Semester | | Second Semester | |
|---|---|---|---|
| H. Ec., 3a Dressmaking | 2 1-3 | H. Ec., 4a Millinery and Dressmaking | 2 1-3 |
| H. Ec., 7a Food Study | 3 1-3 | H. Ec., 8a Food Study | 1 2-3 |
| H. Ec., 14a Costume Design | 1 1-3 | H. Ec., 9a Theory and Practice | 2 |
| Gen. Method | 2 | H. Ec., 15a The Home | 1 2-3 |
| Child Study | 3 | H. Ec., 18a Household Management | 1 2-3 |
| English 1 | 3 | History of Education | 2 |
| | | School Management | 2 |
| | | English 1 | 3 |

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## Ia-2a—Textiles and Clothing

1a. Fundamental stitches in handmade apron, alter commercial patterns to measurements, method of making cooking aprons, methods of furnishing, estimate cost, make undergarments.

Three 2 hour Lab. periods. Two credits.

2a. Development of the textiles. Darning, patching, mending. Continue use of commercial pattern and make undergarments that are needed, two cooking dresses and a spring dress.

Prerequisite 1a. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

### 3a-4a—Dressmaking

3a. A plain waist, a linen dress, a dress and a silk gown or a substitute subject to the approval of the instructor.

Prerequisite 2a. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

4a. Millinery and Dressmaking.
Different kinds of frames; use of glue and stitches, trimmings, rerovation of hat material, designing and making graduating dress.

Prerequisite 3a. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

### 5a-6a—Foods

5a. Efficiency in handling equipment, food composition, classification, digestion, food and fuel value of foods, menu, practice work in connection with cafeteria.

One recitation. Three 2 hour Lab. periods. Three credits.

6a. Continuation of 5a.

Prerequisite 5a. One recitation. Two 2 hour Lab. periods, 2 1-3 credits.

### 7a-8a—Food Study

7a. Planning menu for an average family on limited income. Food preserving, all work related to cafeteria meals.

Prerequisite 6a. Two recitations. Two 2 hour Lab. periods, 3 1-3 credits.

8a. Foods and diet related to diseases. Application of principles taught, making of more elaborate dishes.

Prerequisite 7a. One recitation. One 2 hour Lab. period, 1 2-3 credits.

### 9a—Theory and Practice

The working out of the relation of the subjects of instruction included in a complete Home Economics course. Lesson plans, courses for grade schools, etc.

Second semester, second year. One recitation. Lab. to be arranged, also outside work. Two credits.

## 13a—Applied Design

Principles of design, including color, drawing, block printing, lettering, monograms, etc.

Two 2 hour Lab. periods, 1 1-3 credits.

## 14a—Costume Design

Application of art in dress, study of line, color, etc. Designs for costume made in dressmaking 3a.

Prerequisite 13a. Two 2 hour Lab. periods, 1 1-3 credits.

## 15a—The Home

Site, plan, cost, etc. Care of floors, walls. Consider furniture, pictures, etc. Pencil drawings.

One recitation. One 2 hour Lab. period, 1 2-3 credits.

## 18a—Household Management

Principles involving care of the house; budgets, etc.
One recitation. One 2 hour Lab. period, 1 2-3 credits.

## LATIN

### Professor Fracker

This course will be open to those who have had two years of Latin in the High School. It will meet the requirements for the major in Latin for the A. B. degree with the completion of the last two years of Latin in the preparatory course. Courses C and D will be found in Academy.

### C. Cicero, Orations

Six orations will be read and a careful review of grammar and composition.

Five hours per week, three college credits per semester.

### D. Virgil, Aeneid

Six books read and a thorough study of the poetic, historical and mythological character of the work.

Five hours per week, three college credits, per semester.

### 1-2—Freshman Course

First semester. Livy, Books XXI and XXII, Selections, Three hours per week, three credits.

Second semester. Cicero De Senectute et De Amicitia. Three hours per week, three credits.

### 3-4—Sophomore Course

First semester, Horace, Odes and selections from Epodes, and Satires. Study of meters and poetic style of the author. Three hours per week, three credits.

Second semester, Tacitus, Germania et Agricola. Study of Historical Latin, style of author. Three hours per week, three credits.

### 5-6—Elective Couress for Juniors and Seniors

First semester. Selected Plays of Plautus and Terence or other like productions. Three hours, three credits.

Second semester. Pliny, Cicero, Letters. Three hours, three credits.

### 7-8—Elective Courses for Juniors and Seniors

First semester. Roman History. Required of all who major in Latin. Two hours, two credits.

Second semester. Roman Antiquities. This course will include an historical review of the development of the Latin Language. Two hours, two credits.

Prose composition assigned to the Freshmen and Sophomores.

# MATHEMATICS

## Professor Stahl

### 1—College Algebra

This course includes the use of the graph, progressions, the binomial theorem, logarithms, complex numbers, the theory of equations, determinants, series, partial fractions, permutations, combinations, and probability.

First semester, three hours, three credits.

### 2—Trigonometry

A standard course covering the usual topics in the subject. Many practical problems.

Second semester, three hours, three credits.

### 3-4—Analytic Geometry

Prerequisites, courses 1 and 2.

An elementary treatment of the locus of an equation; the study of the straight line; conic sections; an introduction to the geometry of three dimensions.

Two semesters, three hours, six credits.

### 5-6—Calculus

Prerequisite, course 3.

A course covering differential and integral calculus, including its simpler applications and practical illustrations.

Two semesters, three hours, six credits.

### 7-8—Averages and the Mathematics of Investments

A course open to all collegiate students but especially designed to meet the needs fo those training for commercial careers and for the public service. It includes interest, annuities, the extinction of interest bearing debts by periodic payments, the valuation of bonds, sinking funds, depreciation, building and loan associations, probability, insurance, the use and abuse of different kinds of averages, and statistics.

### 9—Elective Advanced Courses

Students electing to continue mathematics beyond these years may select from the following courses:

a. Advanced Calculus—first semester, Differential Equations—second semester.

b. Advanced Averages and the Mathematics of Investments—first semester, and Advanced Algebra—second semester.

### 10—Teachers Course

Aim, value and methods of mathematics in the high school. Lectures, readings, reports, observation work.

One semester, two hours, two credits.

## PHILOSOPHY AND PSYCHOLOGY

### Dean Burdick

### 1 and (2)—Psychology

This course is designed to give a general knowledge of psychology. First semester, a study of the physical basis of mental life and of sensory experience. Second semester, the more complex mental processes. Required of all candidates for a first or a third grade state certificate. Required of Freshment or Sophomores in Teachers' Courses.

Two semesters, three hours, six credits.

### 3—Logic

A study of the fundamental principles of deductive and inductive reasoning. Reading and discussions. Not open to Freshmen or Sophomores.

First semester, three hours, three credits.

### 4—History of Philosophy

A survey of Greek philosophy and of the rise of Christian thought

First semester, three hours, three credits.

### 5—History of Philosophy

The development of philosophical thought from the Middle Ages through the nineteenth century, including English empiricism, the problem of epistemology, naturalism, and German idealism.

Second semester, three hours, three credits.

Ethics will be found described under the Bible department.

# PHYSICS

## 1—Physics

Mechanics, Molecular Physics, and Heat. Mechanics of solids and fluids including the simple machines. Problems dealing with Newton's Laws of Motion Young's modulus, Moment of Inertio, Levers, Pulleys inclined planes, etc. Efficiency and Mechanical advantage of machines.

In connection with molecular physics such subjects as capillarity, surface tension, Boyle's Law, and Charles' Law are considered and the practical application of the same.

In conjunction with heat, emphasis is placed on heat transfer, calorimetry, and thermodynamics. A brief study is made of gas and steam engines and the operation and efficiency of each. Also in this course a study is made of the different types of heating systems and ventilation.

Prerequisites, General Physics, and Trigonometry.

Four hours laboratory work. Two hours lecture and recitations, four credits. First semester.

## 2—Physics

Electricity, Sound, and Light. Magnetism, Static, and Current Electricity. Batteries and battery connections, Electrolysis, Electroplating. Ohm's Law and its application, Circuits and their resistance. Electrical work and power, Dynamos and Motors, Direct and Alternating Currents, Induction coils, Condensers, Wireless telegraphy and all new phases of electricity.

Sound: Wave study, Transmission of sound, Velocity of sound through solids, liquids, and gases. Microphones, telephones, and the musical scale.

Light: Reflection of light and its governing laws, Transmission of light, Study of wave length and its relation to color, Spectrum analysis, Refraction of light and formation of the spectrum, Intensity of light and lighting systems.

Prerequisites: General Physics and Trigonometry. Four hours laboratory.

Two hours lectures and recitation, four credits. Second semester.

# PUBLIC SPEAKING

## Professor Scott

### 1—Essentials of Public Speaking

A general course as the basis of all future work in public speaking. Primarily, a theory of speech: assignments in practical speech, and expression work. This gives the student an understanding of the scope of English speech; he is better able to decide what speech work he will take in the future.

a. Physiological basis of voice; articulation and pronunciation; vocal exercises for the "open throat," for quality and force; magnetic speaking posture; "thought phrasing" as an aid to any study and as basis of memorizing. Reference readings.

b. Principles of vocal expression—time, quality, force, and pitch; selections analyzed; principles of gesture as elements of delivery; speech making in regard to occasion and audience.

Course recommended for freshmen. One hour throughout the year; one credit each semester.

Text: Fulton and Trueblood's Essentials of Public Speaking.

### 2—Argumentation and Debate

Offered in 1920-1921.

Object of course: to furnish practical directions for preparation and presentation of oral and written arguments with a maximum of practice and minimum of theory. Each student in debates will be graded on three points—card record of evidence, brief, and delivery.

a. Selecting and analyzing a proposition; finding sources of evidence, card recording and selecting; brief construction; argument; rebuttal; delivery.

b. Theory of argumentation and debate by applying arguments of induction, deduction, causal relation and analogy in actual debates; fallacies in refutation.

Every student who expects to enter inter-society or inter-collegiate debates should take this course. Two hours throughout the year; two credits each semester.

Text: Ketcham's Argumentation and Debate.

### 3—Extemporaneous Speaking

Offered in 1920-1921.

Practical speaking for vocational and avocational purposes. Informal public addresses; impromptu and extemporaneous speaking; lecturing and demonstrating for students in science and home economics.

Not open to freshmen. Students expecting to enter the extemporaneous speaking contest in the Women's Forensic League, and intercollegiate or inter-society debate should elect this course. Two hours, first semester; two credits.

Text: Phillip's Effective Speaking.

### 4—Essentials of Business Expression

Offered in 1920-1921.

Study and training for presentation of business propositions before one or a few auditors. Emphasis on the necessity for correct and efficient expression by the business man in his daily life. Comparison of the language and methods of busness expression with that of other practical speaking.

a. Voice, delivery, personal appearance, gesture, language. Speeches.

b. Study of both sides of business propositions for effective presentation; conducting business meetings. Occasional lectures by business men.

Open to sophomores, juniors, and seniors in business administration. Two hours throughout the year; two credits each semester.

Texts: Fernald's Expressive English. Mosher's Essentials of Extempore Speaking.

### 5—Formal Public Address and Oratory

Offered in 1920-1921.

Study of the various types of oratory; technique of oratory in its evolution; formal oratory as the acme of speech; comparative places of formal oratory and formal and occasional addresses for some of the following occasions; eulogistic, commemorative, dedication, welcome and farewell, academic, social, legislative and political, and after dinner speeches.

a. Rhetoric and history of oratory; two brief, finished addresses presented in class.

b. Forms of addresses studied; each student will present class addresses, and one public address.

Open to students who have had courses 2 or 3 or 4. All who intend to compete in local or intercollegiate oratorical contests should elect this course to obtain credit for their work. Two hours throughout the year; two credts each semester.

Texts: Shurter's Rhetoric of Oratory. Denney's American Public Address. Baker's Forms of Public Address.

## 6—Inter-collegiate Debate

Offered in 1920-1921.

Preparation of an inter-collegiate debate. Class begins when intercollegiate teams are selected. Open to intercollegiate debaters and students expecting to coach debate.

To receive credit, typewritten copies of debate must be filed with chairman of Faculty committee on Oratory, Debate, and Dramatics within ten days after the intercollegiate debates; candidates for credit must not carry more than fifteen hours.

Two credits to members of intercollegiate teams; one credit to alternates.

## 7—Course for Public School Teachers

Omitted in 1920-1921.

Vocal training and expression; class room deportment; principles of criticism in reading and declamation. Lectures; assigned readings; class discussion; actual practice.

Open to juniors, seniors, and teachers. Two hours first semester; two credits.

## 8—Story Telling

Offered in 1920-1921.

Study in the art of story telling. Myths; folklore; short stories. Inquiry into the sources of stories and story telling. Actual story telling required.

Open to juniors, seniors, teachers, and expression students. Public Speaking 7, and English 8 are advised; for expression students, Public Speaking 11, 12, and English 8 are required. Two hours, second semester; two credits.

## 9—Dramatic Reading and Action

Offered in 1920-1921.

Study of drama from viewpoints of playwright, audience, and actor, with object of oral interpretation and acting in the theater. Campus plays, one-act drama, and dramatic criticism considered in a laboratory method. For 1920-1921, Lear, Midsummer Night's Dream and Barrie's "Half Hours" studied for class presentation. In January, the class will present an evening's work in the college theatre. In June it will help the Cap and Bells Dramatic Society present the campus play.

a. Projection of character and situation; stage presence; theories of the theatre; Lear; one-act play; art of "Make-up"; costume; lights.

b. Principles of dramatic criticism; technique of acting; personal and impersonal realism in acting; study of long, modern play for presentation; campus plays compared to Elizabethan masques—Midsummer Night's Dream.

Students wishing to coach plays, should elect this course. English 4, and Public Speaking 10, 11, and at least one semester of private lessons are advised. Required for expression students.

Three hours throughout the year; three credits each semester.

Texts: Curry's Imagination and Dramatic Instinct. Hamilton's Theory of the Theater. Helmer's The Actor's "Make-Up" Book.

## 10—Advanced Theory of Expression

Omitted in 1920-1921.

Sequel of course one; a specific study of elements of expression. Interaction of mind and body; harmony of thought and mood analyzed in reference to selections. Course supplements private lessons.

a. Suggestiveness of thought process in expression; personal magnetism; technique.

b. Open to students of expression. Psychology, required. One hour throughout the year; one credit each semester.
Text: Chamberlain and Clark's Principles of Vocal Expression.

## 11—Character Study and Personation

Omitted in 1920-1921.

A scientific basis for expression in the personations from drama and literature. To suggest physical and mental attitudes of characters, the reader must understand the fundamentals of human action.

a. Problems in observation; assigned readings from such authorities as Darwin, McDougal, Shand, and James. Study of literary characters portraying simple and complex action; as, Juliet, Richard III, Shallow, Grandet, Lady Macbeth, Hamlet, Sykes.

b. Analysis of motives and action of literary and actual characters; illustrative selections presented in class; reading in the history of English acting.

Open to all students of expression. One hour throughout the year; one credit each semester.

## 12—Interpretative Study of Literature

Omitted in 1920-1921.

Study of the Browning monologue, the "cutting" of modern novels and plays, and scenes from Shakespear for monologues. Each student will be asked to "cut" a novel or play during the year for an evening's entertainment.

a. Browning, and other monologue work.

b. Shakespear.

Open to students of expression. Two hours throughout the year; two credits each semester.

Text: Curry's Browning and the Dramatic Monologue.

## 13—Physical Culture

Omitted in 1920-1921.

Expressive training of the body as compared with physical training. Co-ordination and unity of muscular action for poise, grace, and flexibility of the body on the stage or platform. Attenton given to pantomime and Delsarte training.

Required for students of expression. Two hours one semester. No college credit.

## 14—Private Lessons

Offered in 1920-1921.

A full, round, resonant, forceful voice developed; correct breathing made habitual; misuse of the voice and defects overcome; faulty posture and mannerisms corrected. The object of courses in private lessons is to give the most intimate and personal attention to the symmetrical and harmonious development of the individual's voice and action that he may grace any social position or professional speaker's opportunity.

# SOCIOLOGY

## Professor Libby

### 1—Elements of Sociology

A survey of the origin, structure and organization of society, the functions of the various social groups, the relation of society to heredity and environment, a general theory of society.

First semester, three hours, three credits.

### 2—Social Pathology

General study of poverty, pauperism, unemployment, epilepsy, insanity, degeneracy and their causes, prevention and cure. Social conditions of the slums, rural population, housing of the poor, social maladjustment, and occupational diseases.

Second semester, three hours, three credits.

### 3—Labor Problems

A thorough discussion of the chief social and economic questions arising from present labor conditions and the principal remedies for them.

First semester, three hours, three credits.

### 4—Social Psychology

The individual mind in relation to the social mind, the international mind and world democracy will receive special attention. Normal social phenomena as public opinion, principles of leadership, democracy, customs and conventionality will be studied; also abnormal social phenomena as the mob-mind, craze, fashion and inovation.

Second semester, three hours, three credits.

Open only to juniors and seniors.

## SPANISH

### 1-2—Beginning Course

This course is for college students wishing to take up Spanish.

Two semesters, four hours each, eight credits.

### 3-4—Reading and Composition

This will be a course in reading of simple texts, with the purpose of attaining skill in conversation.

Two semesters, three hours, six credits.

### 5-6—Spanish Literature

Selections from the masterpieces of Spanisn Literature of different periods.

Two semesters, three hours, six credits.

## SUB-FRESHMAN COURSES

### Principal—Head of Department of Education

Owing to the fact that the High School and the Consolidated School have become such prominent factors in the education of the State, Buena Vista College has dropped the first two years of its Academy course. The third and fourth years have been retained in order to provide the necessary Sub-Freshman work for students entering before completing the full High School course or who may have college entrance conditions to remove. Courses in first and second years may be provided for if there is a call for them.

Admission: Students who give satisfactory evidence of having completed the studies covered by the eight grades of the public school course and of the ninth and tenth of the high school will be admitted to the third year classes.

### Requirements for Graduation

For graduation from the academy thirty credits are required. A credit is obtained when a study is carried for one semester, or eighteen weeks, with recitation five times a week. A recitation period is fifty minutes in length. A laboratory period equals two recitation periods in length.

The following subjects are required for graduation, viz:—

Foreign language ——— Minimum four, maximum eight credits
English ——— Minimum six, maximum eight credits
History ——— Minimum two, maximum eight credits
U. S. History and English Grammar accepted only if taken in the third or fourth year.
Mathematics ——— Minimum five, maximum eight credits
Laboratory science ——— Minimum two, maximum nine credits

The remaining credits are electives.

### Notes on the Sub-Freshman Courses

1. The maximum amount of work a student may take is twenty hours a week unless special permission is obtained from the Faculty to enroll for more.

2. Language. The following work is offered: Latin lessons and Caesar, Cicero, Virgil; German grammar and readings; French grammar and readings; Spanish.

3. English. Composition, Rhetoric, English Literature, American Literature; uniform college entrance requirements in the classics.

4. History. Ancient, Medieval and Modern, American (after Ancient), English, Civics, Economics.

5. Mathematics. Algebra (required), Plane Geometry (required), Arithmetic (after Algebra).

6. Science. Physics, (preferred), Botany, Physiography, Zoology.

7. Commercial and Miscellaneous branches. Eight credtis may be obtained from Commercial Law, Commercial Geography, Double-entry Bookkeeping, Business Correspondence, Stenography and Typewriting.

Four credits may be obtained in the following: Agriculture, Household Economics, Education.

## COURSE OF STUDY

### Third Year

**First Semester**

Required
- Geometry ——5 hours
- History ——5 hours
- English D ——5 hours

Electives
- Civics ——5 hours
- Latin C ——5 hours
- Greek A ——5 hours
- Education ——5 hours
- Spanish ——5 hours
- French ——5 hours
- Zoology ——5 hours

**Second Semester**

Required
- Geometry ——5 hours
- History ——5 hours
- English D ——5 hours

Electives
- Economics ——5 hours
- Latin C ——5 hours
- Greek A ——5 hours
- Education ——5 hours
- Home Economics——5 hours
- Spanish ——5 hours
- French ——5 hours
- Zoology ——5 hours

## Fourth Year

| First Semester | | Second Semester | |
|---|---|---|---|
| Required | | Required | |
| Science | 5 hours | Science | 5 hours |
| English C | 5 hours | English C | 5 hours |
| Electives | | Electives | |
| Latin D | 5 hours | Latin D | 5 hours |
| Education | 5 hours | Education | 5 hours |
| Greek B | 5 hours | Greek B | 5 hours |
| Botany | 5 hours | Botany | 5 hours |
| Home Economics | 5 hours | Home Economics | 5 hours |
| Spanish | 5 hours | Spanish | 5 hours |
| French | 5 hours | French | 5 hours |

Two years of any one language are required for unconditional college entrance.

A Beginning Latin Class will be formed for four students.

Third semester Algebra will be given for those students who have not had it in High School.

## BOTANY

A general introductory course in Botany consisting of recitations and laboratory work. A definite knowledge of the forms, relationships, and activities of plants is obtained. Text: Bergen and Caldwell's "Practical Botany."

Five hours, two semesters.

## EDUCATION

A. Didactics. Two semesters. An elementary and general course comprising a study of school management, organization, and methods of learning and teaching.

B. Art of Teaching. First semester. A study of the aim and fundamental principles of teaching. Methods of teaching, general and special, are carefully considered with regard to their functions and limitations.

C. School Management. Second semester. The practical side of school activities is considered with special emphasis on such topics as the personality of the teacher, routine, discipline, incentives, programs.

## ENGLISH

C. English Literature. Text: Halleck.

D. American Literature. Text: Long.

Notebooks and book reviews required in both courses.

## GREEK

A. Lessons. Text: First Greek Book, White; Grammar, Goodwin.

B. Anabasis. The second semester's work is a continuation of the first with the introduction of the Anabasis and composition when the beginner's work is completed.

## FRENCH, SPANISH

An academy course in one of these languages will be given five hours a week, if requested by not less than four students. Requests to be made to the enrollment committee.

## HISTORY

A. Ancient History. Two semesters, five hours, two credits. Myer's Ancient History.

B. English History. First semester, five hours, one credit. Chenney's English History.

C. American History. Second semester, five hours, one credit. James and Sanford's American History.

## CIVICS AND ECONOMICS

Civics. First semester, five hours, one credit. James and Sanford's Government in State and Nation.

Economics. Second semester, five hours, one credit. Ely and Wicker's Elementary Economics.

## HOME ECONOMICS

### Domestic Art

A. Elementary Cooking. The study of the food principles, practice in cooking, planning menus and serving. Twice a week.

Sewing. Hand and machine sewing, use of patterns applied to useful articles. Twice a week.

House Management. Planning, furnishing and care of the house. Once a week.

First semester. Laboratory 5, 2 hours, one credit.

B. Continuation of H. E. A.

Second semester. Laboratory 5, 2 hours, one credit.

## LATIN

A. First Year. See "Course of Study," Fourth Year.

C. Third Year.

Cicero. The six Catilinarian orations, and one other writer are read. Construction work also has an important place.

D. Fourth Year.

Vergil. Six books of the Aeneid are read.

Text book: Bennett's Vergil and Gayley's Classic Myths.

## MATHEMATICS

B. Plane Geometry. Two semesters.

C. Advanced Arithmetic. One semester.

D. Advanced Algebra. One semester.

E. Solid Geometry. One semester.

## PHYSICS

Physics A. Elementary Physics. A year's course in the systematic study of the fundamental principles of physics. Excellent equipment for laboratory work is available.

Prerequisite, Algebra.

Throughout the year, three recitations and two laboratory periods per week.

## PHYSIOGRAPHY

In this study drainage, land sculpture, vulcanism, climate, glaciation, and the influence of political environment on life-forms will be especially emphasized. Some time will be devoted to a study of the more common rocks and minerals, thus laying a foundation for the study of geology, or for private field work if the student considers teaching. One semester.

## ZOOLOGY

A general introductory course in Zoology.

The student is made acquainted with the forms of animals in the laboratory and in text book work.

Text Book: Linville & Kelley.

Five hours both semesters.

## NON-COLLEGIATE COURSES
### Commercial Department

**Professor Abernathy**
**Mrs. Abernathy**

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In this department the work is arranged by terms instead of semesters.

Fall term begins September 10, winter term begins December 1; spring term begins April 5.

Students may, however, be admitted any Monday.

### No Examinations

Students entering this department are not required to take entrance examinations.

### Outline of Courses—Commercial

Fall Term—11 weeks, Winter Term—16 weeks, Spring Term—9 weeks.

### Outline of Courses—Commercial

Arithmetic and Rapid Calculation
Penmanship
Spelling
Bookkeeping
English
Arithmetic, 2 classes
Spelling, 2 classes

Commercial Law
Bookkeeping
English
Arithmetic, advanced
Spelling
Penmanship
Punctuation
Bookkeeping, advanced

### Shorthand and Typewriting

**Fall Term**
Shorthand
Typewriting
Spelling
Penmanship
English
Rapid Calculation

**Winter Term**
Shorthand, beginning
Shorthand, dictation
Typewriting
English
Rapid Calculation
Spelling
Penmanship

**Spring Term**
Shorthand, advanced
Shorthand, beginning
Penmanship
Spelling
Office practice
Punctuation and Composition

### Bookkeeping

This work is divided into two parts: Preliminary, which takes from three to six months, according to the ability of the student; and Advanced or office work which, as a rule, takes the average student three months. Some, however, complete the work in less time.

The college bank gives actual practice in banking which is valuable training for a student whether he expects to be a banker or not.

### Commercial Law

In this subject the student is taught the common, every day laws governing business transactions. In this course the object is not to make lawyers of students, but rather to give practical information on points of common law.

### Shorthand

We teach the Gregg system of shorthand which is rapidly becoming the universal system.

Shorthand offers to the ambitious young man or woman of today many advantages that are worth looking after. To the young woman desiring a means of making a livelihood, a knowledge of shorthand and typewriting will give better returns for the money and time invested than any other line of work known. To the young man who expects some day to be in business for himself and to be employer instead of the employee, work as a stenographer or bookkeeper in the office of a successful business man will be very valuable experience.

### Typewriting

We teach the touch method.

Typewriting Equipment is described elsewhere under equipment.

Shorthand Tests For Graduation—To write 300 words in three minutes and transcribe it on the typewriter in thirty minutes. Each error discounts final result five words.

Typewriting Tests For Graduation—To copy from manuscript at the rate of fifty words per minute for three minutes. Each error discounts final result one word.

### Penmanship

A knowledge of penmanship and the ability to write a legible hand is worth the cost of an entire course.

Business correspondence, composition, punctuation and rapid calculation are all given prominent places in this department.

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### Other Studies

Commercial students who wish to avail themselves of the opportunity of receiving instruction in preparatory or collegiate subjects may do so at the beginning of semester.

### Post Graduate Work

Work in higher accounting and reporting will be given to those desiring advanced commercial or stenography work.

### Bible Study

Commercial students are not required to take Bible study, but as a matter of business, a knowledge of the Bible is valuable, hence Commercial students are urged to take regular Bible work in the classes that are organized for this purpose.

### Equipment

The success of any commercial school depends a great deal on the equipment. Our equipment is thoroughly modern in every respect; our typewriting department is supplied with Remington, Royal, and Underwood machines.

### Instructors

The Commercial and Shorthand departments each have a principal who teaches the special branches while other classes are taken care of by teachers in the college and academy departments.

### Graduation

Students who have passed a creditable examination in the subjects offered in this department will be granted diplomas.

Examination in shorthand and typewriting will consist of a series of tests mentioned elsewhere in this catalogue.

### Positions

The demand for competent stenographers and bookkeepers is far in excess of the supply. It is not a question of position in this commercial age, it is a question of preparation. We could place a great many thoroughly prepared men and women right now. Think about your preparation and the position will be ready when you are ready.

### In General

The advantage of a commercial department in connection with other departments of a college are many as compared with a purely business college.

The college proper cannot help but offer more in the cultural line than is found in the ordinary school offering purely business subjects. A great many organizations such as a literary society, Y. W. and Y. M. C. A. are found in Buena Vista College. Commercial students who avail themselves of their privileges are more than welcome.

The success of the past years in this department has proved beyond question that the arrangement as stated above is a desirable one. The large attendance and the unusual interest in the work have been more than satisfactory.

Our students go into the best positions open to anyone.

Another feature of the work has developed that makes us certain that in connection with a college of liberal arts is the proper place for a student to take his commercial work. A number of our students have been taking work in the music department, while others have taken advanced English in the collegiate department.

All in all, we feel that those wanting work of this kind will do well if they decide to take their work with us.

The course is so arranged that the student can secure almost any amount of work he may wish from a few months up to two years. Those who find it impossible to enter at the beginning of the year may enroll at any time and pursue their individual work as rapidly as their ability and applicaton will permit. We recommend, however, that all students make it a point to enter at the beginning of the term. (See calendar.)

### Students from other Schools

Students from accredited schools who can present passing grades in any of the branches will be allowed to take the remaining studies of the course and receive a certificate of graduation. Our instruction in bookkeeping and shorthand is given largely by the individual method; consequently students can progress as rapidly as they may choose.

## SCHOOL OF MUSIC

### Faculty

Professor Wimberley.

Professor Lehman.

### The School

The school of music offers exceptional advantages to the student who desires to study music as a profession and affords every facility to those who study music as a part of a liberal education. Being part of a college of high rank, it gives a combined musical and literary course which developes and broadens the student's mental capacity and increases his musical possibilities.

### Teacher's Certificate Course

This course has been arranged to meet the need of the student who desires to prepare for the teaching profession, not public school music, and upon completion of the required work, a Teacher's Certificate will be granted.

### Diploma Course

A four year course in practical and theoretical music for the professional musician and teacher. A diploma will be granted upon completion of the work as outlined.

### Supervisor's Course in Public School Music

This course aims to prepare the student to supervise the teaching of music in the grade schools, and to carry on in a broad and comprehensive manner instruction in music in the modern high school. In order to accomplish these ends two years of study are required, the emphasis in each of these years being upon the acquiring of musicianship, but each year also including certain material relating directly to the teaching of school music. Fifteen hours of

Psychology and Education are required for students who wish to obtain a State Teachers' Certificate.

### Requirements for Admission

Beginners are always welcome and there are no special requirements. It is not necessary that they take other work at the college. Preparatory students will receive every attention and parents contemplating a musical education for their children, will find it greatly to their advantage to enroll them in this department.

Special students may enter at any time and there are no entrance requirements. Students who enter the regular courses leading to Teacher's Certificate, Diploma, or the degree, Bachelor of Music, are required to take the following courses or present a certificate from some school of equal rank bearing the same number of credits. For admission to first year (Freshman) class, students will be examined in music of the third and fourth grades.

## DEGREES AND CERTIFICATES

### Degrees

The Degree of Bachelor of Music (Mus. B.) is given by the Trustees of Buena Vista College to such students as have completed one of the regular courses to the satisfaction of the Faculty of the School of Music. In preparation for this degree, three studies besides History of Music are required, two of which must be Pianoforte and Theory. The third may be elected from the branches: Organ, Singing. Violin, Violincello, Viola, Clarinet, Oboe, Cornet.

Candidates must complete at least three-quarters of the required work with a grade of "C" or better, and with a grade of at least 'B" in the major study.

The basis of the attainment of this degree is threefold: (a) Musical talent, (b) Power of mental concentra-

tion, (c) The physical strength to endure several hours of efficient daily study and practice.

### Teachers' Certificates

By special vote of the Faculty, a Teacher's Certificate may be given to any regular member of the School of Music who successfully completes one of the courses in Theory and History of Music, who can appear creditably in the Students' Recitals, and is proficient enough to teach a second branch of Practical Music.

### Certificates in School of Music

Students who complete the required work of the Supervisor's Course in Public School Music are recommended to the State Board of Education for Third Grade State Certificate.

## COURSES OF INSTRUCTION

### Theory of Music

Theory 1, constitutes a year course, meeting two times a week, part of the time each week being devoted to Harmony, part to ear-training and sight-singing.

Elementary Harmony, beginning with scales, intervals, triads, use of the triad in simple part-writing from melodies and bases. The primary and secondary seventh chords, modulation, easy suspensions and passing tones. Original work, the hymn tune, primary form, little piano pieces.

Ear Training, beginning with the simplest intervals, the scale, rythms, melodies; later, chords, chord progressions and modulation and proficiency in singing at sight is insisted upon as the most direct and practical means of quickening the perception when writing from dictation.

Theory II, a year course in Advanced Harmony and Harmonic Analysis, embracing a study of all the devices of

modern musical composition. Original work. A certain amount of regular keyboard training is required throughout the year.

Theory III, One semester of Simple Counterpoint, two three, and four part writing in the various species. Advanced keyboard training. Elements of Musical Form, from the motive and primary form through the development of the composite forms, with analysis of the important types both modern and classic.

Theory IV. Third Year. Double Counterpoint, Cannon and Fugue.

### Instrumentation

Elective. This course, which comprises one year, consists of the reading of Orchestral Scores, both classic and modern, beginning with Haydn and Mozart; study of Orchestral instruments with a view to practical and effective writing for the orchestra; and arranging compositions for string orchestra and for full orchestra, so as to be acceptable for public performance.

### Music Terminology

This course deals with the definition, pronunciation, spelling, and derivation of all terms ordinarily encountered by the musician.

### History of Music

This course might more properly be described as one in musical appreciation, with a historical basis; for the whole aim is to enable the students to understand and enjoy the work of all periods and styles through a knowledge of the aesthetic and psychological principals involved in their development.

### Pianoforte

Instructions in piano playing involves a special adap-

tion to the needs of each individual pupil. The primary aim is to lay a thorough technical foundation, directed by a careful study of each pupil's physical deficiencies and previous habits of work. At the same time it must be remembered that musical feeling must be cultivated from the outset, and that between the technical means and aesthetic result no sharp line can be drawn. Opportunities for ensemble work with skillful collaborators are given to advanced students.

1 and 2. Preparatory. Students in oral and written technics for the development of fingers, hands, wrists and arms and for tone production, scales and arpeggios. Studies from Loeschhorn, LaCoupe, Gurlitt, Czerny and other recognized authors. Compositions selected from the works of standard composers.

3. More advanced studies in scales, arpeggios and preparatory octaves. Studies by standard authors and selections from such work as Mathew's Graded Course (book 3), or works of a similar character. Sonatas and compositions by Hayden, Mozart, Handel, Clementi, Beethoven, Foote, Seeboeck, Bach and such other compositions as shall tend to develop a knowledge of musical form and interpretation. Ear training and Elementary Theory. Harmony 1.

4 and 5. Major and all forms of minor scales, octaves, all forms or arpeggios, lighter composition of Bach, more advanced etudes and commposition of Schumann, Schubert, Mendelssohn, Godard, Raff, Sinding, Grieg and others. Sight reading and Harmony 2.

6. Bach Inventions, Cramer-Bulow Etudes, Kullak, Czerny, Moscheles, etc. Selected compositions and recital work, history and counterpoint.

7 and 8. Bach (Preludes and Fugues), Clementii—Tausig (Gradus ad Parnassum.) Etudes by Henselt, Chopin, Mocheles, Sinding, Raff and others. Graduation recital. Fugue and interpretation.

9 and 10. Post Graduate Course. Advanced technics; concert etudes and compositions of classic and modern composers. Students in this class will be required to give at least one public recital and must have studied not less than two concertos, one of which must be offered as part of the commencement program. Composition, conducting and interpretation.

## VOICE

True cultivation of the voice consists in the development of pure tone and its easy, natural use and control in singing. Correct use of breath, intonation, attack, legato,

accent, phrasing and enunciation are the leading features of technical drill. At the same time a higher ideal than the perfection of mere mechanical skill is aimed at, viz., a musicianly style of singing, and all that is implied in the broad term "Interpretation," together with a thorough appreciation of the best works of the best masters, both new and old.

Thus the aim is to prepare pupils for successful teaching, for positions in church choirs, and through them to advance the cause of artistic singing.

1. Exercises for the development of breath control; tone placing, equalization of registers, scales, intervals and arpeggios. Studies from Abt, Panofka, Bordogni, Concone, Lamperti, etc. Easy songs for phrasing and enunciation; sight singing and chorus practice.

2. Continuation of first year's work, all forms of major and minor scales; arpeggios, trills and embellishments; vocalises from Vacci, Concone, Lamperti, Salvator Marchesi, Matilda Marshesi and others. English, Italian and German songs; recital and chorus work.

3. Advanced technic; songs from the classic writers, viz.: Schumann, Schubert, Brahms, Beethoven, Abt, etc. Arias from the standard operas and oratorios. Experience in concert, choir and church singing. Recital, Theoretical work same as given under piano. Piano one year.

## ORGAN

The course of instruction in this department is planned to develop a finished technique, adequate to artistic and effective organ playing, and to impart such a knowledge of the very best organ literature, as well as enable students to know what use and how to use it in their own playing and teaching.

## STRINGED INSTRUMENTS

The instruction is based upon the best schools for these instruments, together with etudes, solo pieces, and concertos by the best writers.

## RULES AND REGULATIONS

Tuition is payable strictly in advance for each semester.

Lessons lost on account of student's absence will not be made up, except only in cases of protracted illness.

Special students may enter at any time, but students taking the regular courses must matriculate at the opening of each term.

The rooms for practice purposes are very well adapted for the purpose. They are large, well heated and lighted, and contain good pianos. There are also rooms set aside for the use of violin students.

Pupils are not allowed to accept engagements for public work in either concert or recital without permission of the Faculty.

All students are required to attend all entertainments given by this department.

## DEGREES AND DIPLOMAS CONFERRED

### June 1919

### DEGREES

**Bachelor of Arts**

Aitken, Esther Marie

French and German

Doxsee, Marie Viola

**Mathematics**

Fuhrmeister, Nellie

**French and German**

Meighen, Ruth Eleanor

**Chemistry**

Parkhill, John Laird

**English**

Slagle, Lucile Marie

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**Doctor of Divinity**

Rev. Erick A. Bleck

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### SENIOR CLASS HONORS

**Cum Laude**

Marie Viola Doxsee
Lucile Marie Slagle

## DIPLOMAS

### Two Year Home Economics Course

Heath, Mildred

### Two Year Teachers Course

Dodge, Marguerite Ellen
Kraemer, Opal Lena

### Music Department

O'Donoghue, Dorothy

### Academy

Dunlop, Kenneth
Harris, Chester C.
Jacobson, John R.
Jardine, Robert Ray
Turner, Harvey

## COMMERCIAL DEPARTMENT

### Stenographic Course

Barr, Mary
Burke, Edna
Carlson, Waldo
Cooke, Mary
Gaherity, Marguerite
Isakson, Mildred
Keith, Edna
Leckington, Bessie
Mernin, Lulu
Mernin, Mae
Nelson, Inez
Siebens, Norma
Stedwell, Olive
Thomas, Mary
Van Cleve, Elsie
Van Cleve, Mable
Wagner, Lurene

## REGISTER OF STUDENTS

Aitkin, Ruth Janet——Freshman——Storm Lake
Allen, Harold Lloyd——Freshman——Early
Ambler, Herbert Donald——Junior——Odebolt
Angier, Ruby Georgiana——Junior——Storm Lake
Abernathy, W. A.——Senior——Storm Lake
Barr, Teddy Robt.——Commercial——Storm Lake
Beazley, Irma Lucile——Junior——Washta
Boettcher, Eugene——Commercial——Truesdale
Brandt, Marie Anna——Freshman——Peterson
Brown, Earl Wm.——Freshman——Laurens
Carlburg, Edwin——Commercial——Galva
Carlson, Esther E——Commercial——Spencer
Cole, Ethel Ora——Spec. Soph——Storm Lake
Cole, Florence Opal——Freshman——Storm Lake
Conlin, Mae Cecilia——Commercial——Albert City
Crouch, Abram V——Academy——Creighton, S. D.
Deal, Dewey Manila——Senior——Storm Lake
Diehl, George Percy——Junior——Storm Lake
Dodge, Madge——Commercial——Sioux Rapids
Duffy, Thomas——Commercial——Storm Lake
Dyslin, Eugenie——Commercial——Aurelia
Dyslin, Hazel——Commercial——Aurelia
Ensign, Elizabeth Mae——Freshman——Storm Lake
Faville, Stanton S.——Freshman——Fort Dodge
Ferguson, Howard C——Commercial——Larrabee
Ferguson, Myron Wilson——Commercial——Larrabee
Fountain, Rex——Academy——Linn Grove
Francis, Grace Lorene——Freshman——Storm Lake
Fulton, John Wallace——Senior——Bokeelia, Fla.
Gabriel, Florence M——Freshman——Storm Lake
Gardner, Ruth——Commercial——Newell
Haht, Lewis——Commercial——Granville
Halleen, Harold——Commercial——Albert City
Heath, Florence——Special——Newell

Heath, Stella---------- Freshman---- Newell
Higgins, Allen----------Freshman-----Storm Lake
Hill, Harlan---------- Commercial---Sac City
Hirons, Lyle----------.Freshman---- Early
Hobbs, Frank----------Academy----- Alta
Hobbs, Margaret---------Commercial---Cherokee
Hoffman, Opal----------Sophomore----Storm Lake
Hoke, Maud----------Sophomore--- Storm Lake
Hood, Harvey----------Senior------ Princeton, N. J.
Hughes, David----------Freshman---- Storm Lake
Jacobson, John----------Freshman---- Redwood Falls.
Jones, Blanche----------Commercial---Spencer
Jones, Margaret----------Sophomore--- Cleghorn
Jones, Ruth---------- Commercial---Sioux Rapids
Kacmarynski, Louis------Commercial---Rembrandt
Knudston, Leonard-------.Commercial--- Rembrandt
Kraemer, Opal L.---------Junior--------Storm Lake
Lamm, Cecil----------Commercial---Storm Lake
Lamm, Merlen----------Commercial---Storm Lake
Lange, Esther---------- Freshman---- Storm Lake
Larkins, Marie----------Commercial---Fonda
Larson, Earl----------Commercial---Storm Lake
Larson, Lambert---------.Freshman---- Alta
Larson, Minnie---------- Commercial---Spencer
Larson, Reuben----------Freshman-----Alta
Linberg, Silas----------Commercial---Kiron
Lodge, Shirley----------Commercial---Storm Lake
Luke, Iva---------- Academy----- Sac City
McDermott, Ella---------Sophomore----Storm Lake
McFadden, Lillian--------Freshman---- Storm Lake
McKenna, Gertrude------ Commercial---Storm Lake
Magnuson, Leslie-------- Commercial---Arthur
Marshall, Mildred-------- Freshman----. Storm Lake
Marten, Ralph----------Commercial--- Storm Lake
May, Dewitt----------Sophomore----Lake Park

May, Eva_____ Junior_____ Storm Lake
May, Frank_____ Sophomore____Storm Lake
Meyer, Leroy_____Freshman.___ Linn Grove
Milburn, Pearl_____Commercial___Alta
Miller, Clifford_____Freshman____ Storm Lake
Nicholas, Karl_____Sophomore____Lake Park
O'Donoghue, Don H._____ Freshman_____Storm Lake
Olinger, Barbara_____Freshman____ Storm Lake
Perkins, Mildred_____Freshman_____Churdan
Peterson, Alice_____ Commercial___ Storm Lake
Peterson, Maggie_____ Commercial___Alta
Polkinhorn, Lee_____Freshman____ Cherokee
Pullen, Paul_____Commercial.__ Spencer
Rae, John_____Freshman_____Storm Lake
Redenbaugh, Arthur_____Freshman____ Storm Lake
Reed, George_____Freshman_____Peterson
Ried, Wm. Lowell_____Academy_____ Laurens
Riedesel, Arthur_____Senior_____Storm Lake
Renshaw, Helen_____Freshman____ Storm Lake
Richardson, Robt._____Sophomore____Compton, Ill
Ries, Edna_____ Special_____Halfa
Rowe, Mildred _____Academy_____Storm Lake
Rowe, Viona_____Freshman____ Storm Lake
Saxerud, Alvilda_____Commercial___ Sioux Rapids
Schmitt, Mrs. Geraldine__ Sophomore____Alta
Schubbe, Reginald_____Academy_____Laurens
Shaull, Ardath_____.Freshman____ Storm Lake
Sinkey, Boyd_____ Freshman____ Cherokee
Smith, Dorothy_____Freshman_____Storm Lake
Smith, Mildred_____ Freshman_____Storm Lake
Scott, Emma Pearl_____Special_____Columbus, Ohio
Soeth, Max_____Academy____. Wallingford
Speaker, Wion_____Commercial___ Schaller
Smoot, Robert_____Academy_____ Storm Lake
Spooner, Ralph_____ Commercial___Storm Lake

Steeg, Cloyd_____Freshman____ Early
Swanson, Herschel_____Commercial___ Stratford
Thomas, Mary_____Freshman_____Storm Lake
Thompson, Richard_____Commercial___Fonda
Thornton, Thurston_____ Spec. Soph.__ Storm Lake
Truax, Robt._____ Freshman____ Early
Wadsley, Floyd_____ Commercial___Early
Wahl, Joyce_____Senior_____Vinton
Walstead, Clarence_____Commercial___Albert City
Warren, Glenn_____Freshman____. Cherokee
Wellmerling, Jay_____Sophomore____Storm Lake
Zieke, Frank_____ Unclassified___Storm Lake

**Students in Music Department**

Mildred Rowe
Lillian McFadden
David Hughes
Jay Wellmerling
Dewey Deal
Miss Reid
EdnaRies
Florence Heath
Rex Fountain
Dorothy Smith
Elizabeth Smith
Barbara Olinger
Thurston Thornton
Minnie Larson
Mrs. M. DeGraff
Florence Gabriel
Lillian Nitzke
Miss Cunningham
Ava Park
Paul Park
Miss Boice
Miss Putnam

## ALUMNI ASSOCIATION

### Officers

President, W. M. Storey ---------- Storm Lake
Vice-president, Elsie Ries ---------- Bode
Treasurer, Evelyn Ensign ---------- Orange City
Secretary, Mabel McLaughlin ---------- Storm Lake

### 1893

Hutchinson, Jennie G., A. B. ---------- Long Beach, Calif

### 1894-1903

During these years only Junior College work was done.

### 1896

Aldinger, F. C., Minister, Universalist ---------- Lansing, Mich.
Edson, Willis C., Attorney ---------- Storm Lake

### 1897

Higgs, Thomas J., Attorney ---------- Kansas City, Mo.
Leonard, Frank O., Presbyterian Minister ---------- Cuba, N. Y.
Newton, Homer C., Prof. Univ. of New York City ---------- New York, N. Y.
Sohm-Morcombe, Elizabeth K., Post Mistress ---------- Storm Lake

### 1898

Herron, Ralph, Business ---------- Tucson, Ariz
Spencer, J. E., Presbyterian Minister ---------- Kearney, Nebr.

### 1899

Bennett, H. Burtis, Agriculture ---------- Columbus, Wash.
Wier, Valentine A., Presbyterian Minister ---------- Padroni, Colo.
Whittel-Edson, Ada ---------- Storm Lake

### 1900

McAllister-Tabor, Margaret ---------- Corpus Christi, Tex.

### 1901

Smith, Howard L., Presbyterian Minister ---------- LeMars

**1904**

Bailie-Edson, Ethelyn, A. B. ---------- Storm Lake
Garberson, Aura, A. B. ---------- Storm Lake
King, Agnes, A. B., Teacher Kansas State Normal ---------- Emporia, Kas.
McLean, Maggie, A. B. ---------- Spokane, Wash.

**1905**

Benjamin, Edward S., A. B., Meth. Epis. Minister ---------- Okemah, Okla.
Cummings-Harrison, Margaret A., A. B. Schenectady, N. Y.
Willfong, Charles A., A. B., Business ---------- Denver, Colo.
Zielman, Clyde, A. B., Attorney-Banker ---------- Lake View

**1906**

Garberson-Ross, Rena, A. B. ---------- Palo Alta, Calif.
James, A. Frank, A. B., Attorney ---------- Gooding, Idaho
Louthan-Carr, Myrtle, A. B. ---------- LaFayette, Ind.
Luhmann, Walter Albert, A. B., Business ---------- Storm Lake
Miller-Wilson, Ethel, A. B. ---------- Sibley
Parker, Ralph H., A. B., Physician ---------- Des Moines
Russell, Grace Ella, A. B., Superintendent of Schools ---------- Sulphur Springs
Senska, Frank R., A. B., M. D., Physician ---------- Lenox Hill Hospital, New York City

**1907**

Balkema, Peter, A. B., Attorney ---------- Sioux City
King, Grace, A. B. ---------- Schaller
McEwen, W. Harry, A. B., Attorney ---------- Regina, Sask.
Paxton, G. Leslie, A. B., Business ---------- Phoenix, Ariz.
Senska, Nellie May, A. B. Critic Teacher, ---------- State Normal, Monmouth, Ore.

**1908**

Luhmann, Mabel Pauline, A. B., High School Teacher ---------- Waterloo

### 1909

Eshbaugh, Amy B., A. B., High School Teacher...Sheldon
Foote, Claire I., A. B., ...Seattle, Wash.
Hanson, Victor, A. B., Foreign Missionary...China
May, Hugh J., A. B., Minister...Columbus, Ohio

### 1910

Fracker, Stanley B., A. B., A. M., Ph. D., Actng State Entomologist ...Madison, Wis.
Hawkins-Barnes, Maude E., A. B....Garden Grove, Calif.
Mattison, Ray H., A. B., Business ...Rockwell City
Meighen, Loretta C., A. B., High School Teacher ...Portersville, Cal.
Perkins-Mattison, Carrie J., A. B.,...Rockwell City
Youde, Harold L., A. B., Agriculture ...Sutherland

### 1911

Allen-Smith, Lillie, A. B., High School Teacher...Carson
Brown, Kathryn, A. B. ...Storm Lake
Foster-Balkema, Oma, A. B. ...Sioux City
Fracker, Annie, A. B. ...Storm Lake
McLaughlin, Mabel, A. B., ...Storm Lake
Parker-Fracker, Grace, A. B. ...Madison, Wis.
Ross, Felix B., A. B., A. M., ...Palo Alta, Calif.
Unger-Kistle, Louise, A. B. ...Storm Lake

### 1912

Crouch, Elsie, A. B., High School Principal...Bedford
Crouch, Lloyd, A. B., Agriculture...Creighton, S. D.
Dwinell, L. A., A. B., Attorney ...Sibley
Gregg, Bernice, A. B., Y. W. C. A. Sec'y...Minneapolis, Minn.
Jones, Roy E., A. B., Prebyterian Minister...Larrabee
Marcus, Edna, A. B., High School Teacher...Rolfe
Price, Gladys, A. B., High School Teacher...Glendale, Ariz.
Ries, Elsie, A. B., High School Teacher ...Bode

Rust, E. C., A. B., Medical Corps American Army of Occupation—Treves, Germany
Storey, W. M., D. D. S., A. B., Dentist—Storm Lake
Unger, Charles, A. B., Student Iowa State College—Ames
West-Dwinell, Hazel, A. B.—Sibley

### 1913

Carlton, Murl C., A. B., Business—Early
Fuhrmeister, C. G., A. B., Agriculture—Churdan
Harper, George Fahs, A. B., Business—Sioux City
Hereness, Carol Dell, A. B., Teacher Parker College—Winnebago, Minn.
Lindsey, Jesse L., A. B., Business—Jefferson
Perkins, Adrian W., A. B., Business—Jefferson
Smith, Elleroy, A. B., Missionary—Shanghai, China
White, R. E., A. B., Lawyer—Ottumwa

### 1914

Crouch, J. Emmons, A. B.,—Creighton, S. D.
Gregg, Dorothy, A. B., Teacher Junior H. S.—Storm Lake
Kettleson, Luella, A. B., High School Teacher—West Bend
White, Zeno Z., A. B., Law Student, Iowa State University—Iowa City

### 1915

Chapman, Oliver Wendell, A. B., Agriculture—Correctionville
Benthin, Walter O., A. B., Presbyterian Minister—Parkdale, Oregon
Ensign, Evelyn, A. B., A. M., High School Teacher—Orange City
Plummer-Ranton, Mabel, A. B.—Scott's Mills, Oregon
Smith, Elden W., A. B., Business—Ipswich, S. D.
Thomson-Wessling, Cora, A. B.,—Lytton

**1916**

Aitken, Agnes, A. B., High School Teacher ---------Newell
Crowley, Justice, A. B., ----------Storm Lake
Keith, Marjorie, A. B. ----------Storm Lake
Lindsey-Sohm, Irene, A. B., ----------Adaza
Lyman-Sherman, Catherine, A. B., ------Providence, R. I.
Mitchell-Benthin, Ada, A. B. ----------Parkdale, Oregon
Reidesel-Hood, Beatrice, A. B.----------Princeton, N. J.
Shaull, Kenneth, A. B., Teacher, Jefferson ----------
Military School ----------Washington, Miss.

**1917**

Claus, Harley H., A. B., High School Principal ----------
----------Linn Grove
Crouch, Edward G., A. B., High School Teacher-Lake City
Harper, Shirley, E., A. B., ----------Deceased
Perkins-Claus, Marjorie, A. B., ----------Linn Grove
Sherman, Lillian A., High School Teacher----------
----------Powderville, Mont.
Van Cleve-Hanson, Amy E., A. B.,----------Alta
Holmes-Meyers, Ada, A. B., High School Principal --------
----------Sulphur Springs

**1918**

Benedict, Genevieve, A. B., High School Teacher ---------
----------Culbertson, Mont.
Brown J. Stewart, A. B., Y. M. C. A. Secretary ----------
----------Knoxville, Tenn.
Drury, C. Merrill, A. B., Student Theological ----------
Seminary ----------San Anselmo, Calif.
Ensign, S. J. Russell, A. B., High School teacher ----Carroll
Marousek, Edmund L., A. B., Princeton Seminary --------
----------Princeton, N. J.
Marten, Ralph, A. B., ---------- Storm Lake
Mitchell, Florence E., A. B., Good Samaritan Hospital-----
----------Los Angeles, Calif.

**1919**

Aitken, Esther Marie, A. B., High School Teacher ---------- Groton, S. D.
Doxsee, Marie Viola, A. B., High School Teacher Wall Lake
Fuhrmeister, Nellie, A. B., High School Teacher Moravia
Meighen, Ruth Eleanor, A. B., Student, University of California ---------- Berkeley, Calif.
Parkhill, John Laird, A. B., (Honoris Causa) Teacher ---------- Storm Lake
Slagle, Lucile Marie, A. B., High School Teacher Sac City

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